



SHELL FISH.



THE CALTROP SHELL



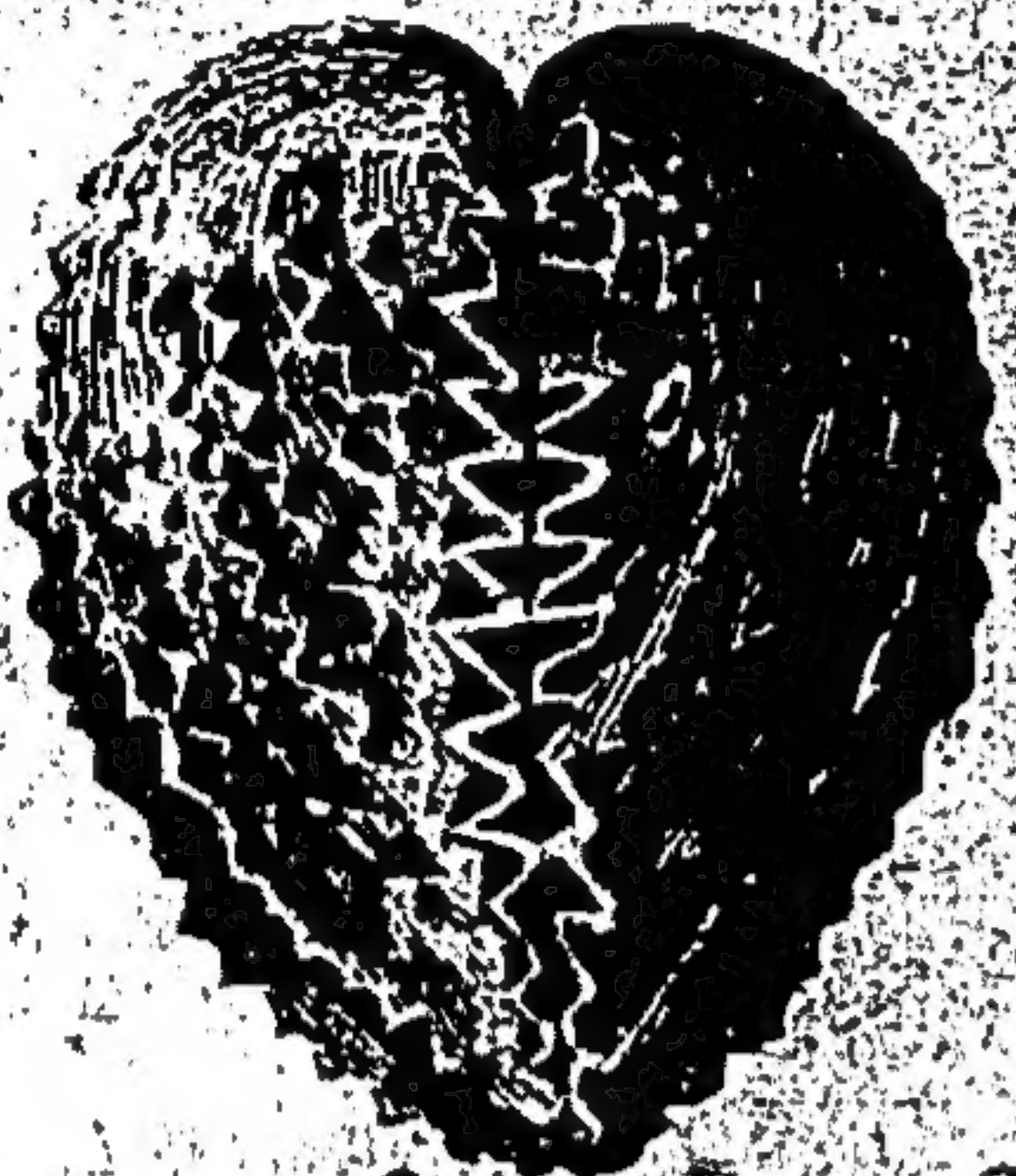
THE BEETLE PORCELLANE



THE YELLOW & WHITE DOLIUM



THE HEART COCKLE



THE ROUGH OXHEART SHELL



THE RIBBED MUREX



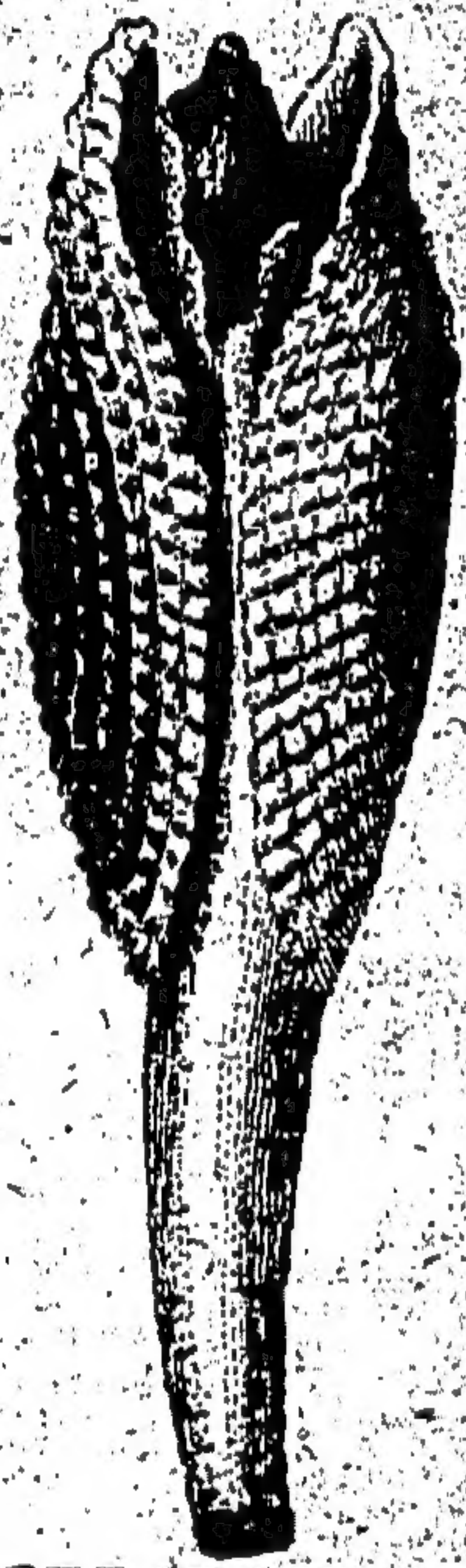
THE BLACK RIBBED PORCELLANE



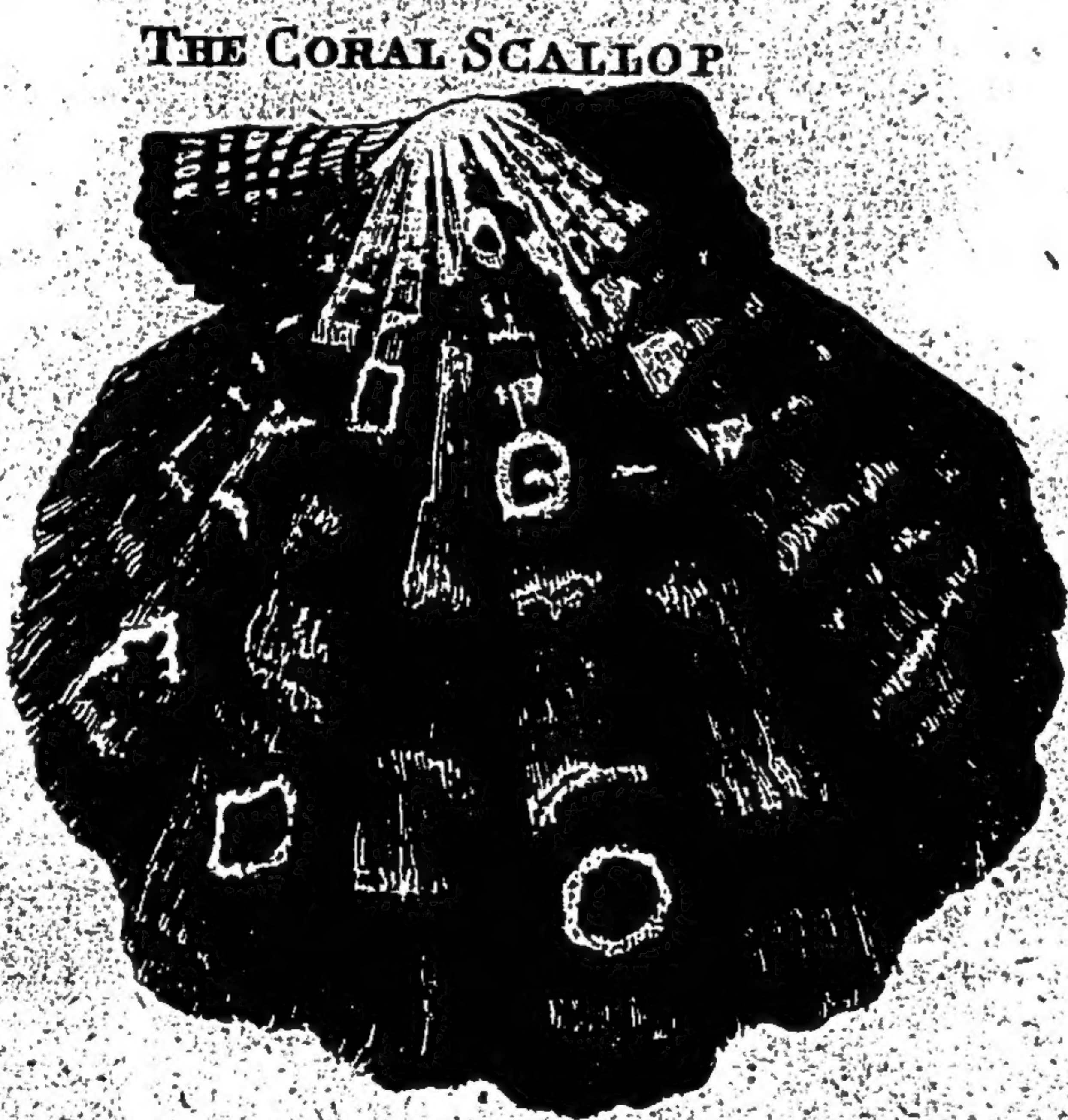
THE MUSICK SHELL



THE NEEDLE SHELL



THE OBLONG WHITE PHOLAS



THE CORAL SCALLOP



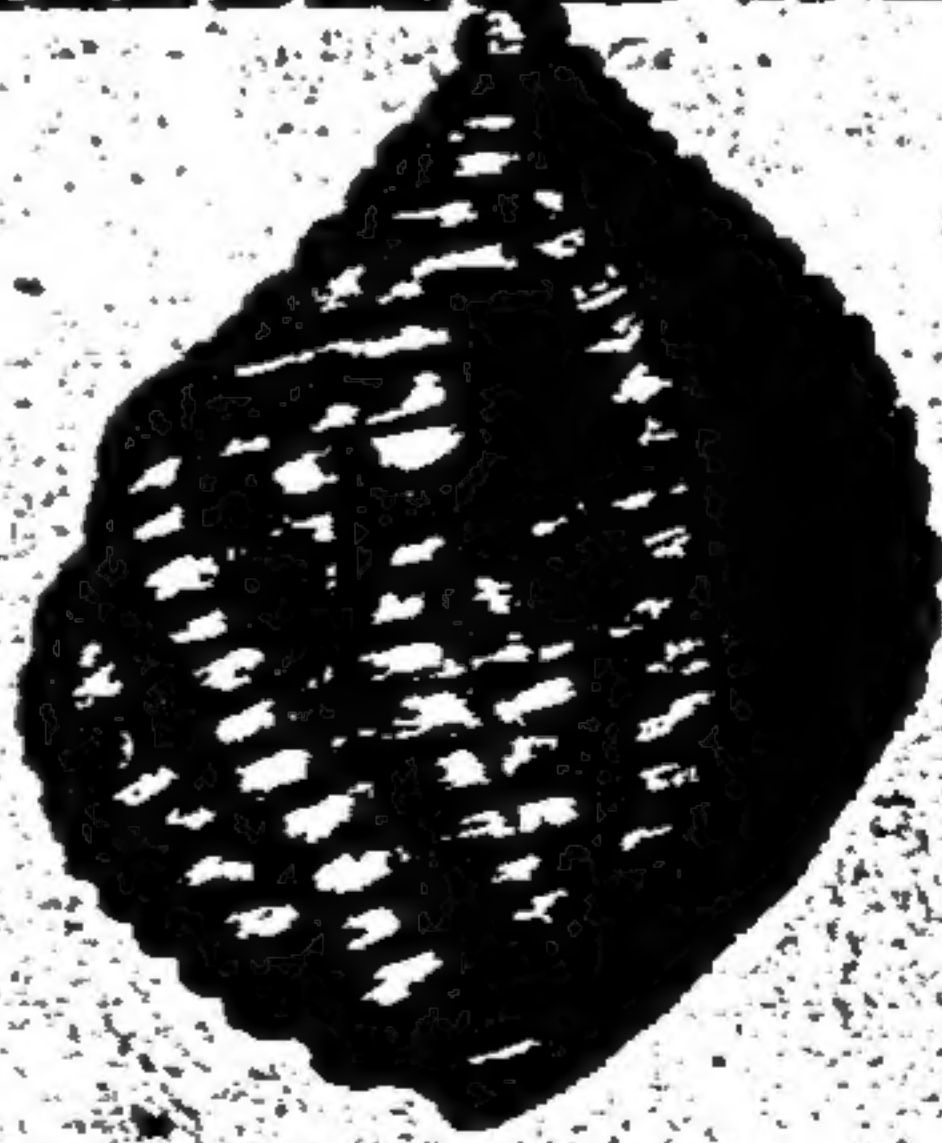
THE SHORT SHELL'D PHOLAS



THE PARTRIDGE SHELL



THE LITTLE YELLOW SCALLOP



THE BELTED SNAIL



THE PERSIAN SHELL

THE DEPRESS'D CORDATED SEA EGG



THE HARP SHELL



THE TRIANGULAR HEART COCKLE



THE BLUE & WHITE MUREX





THE HEART OF THE

THE BETTER PORCELAIN

THE BETTER PORCELAIN

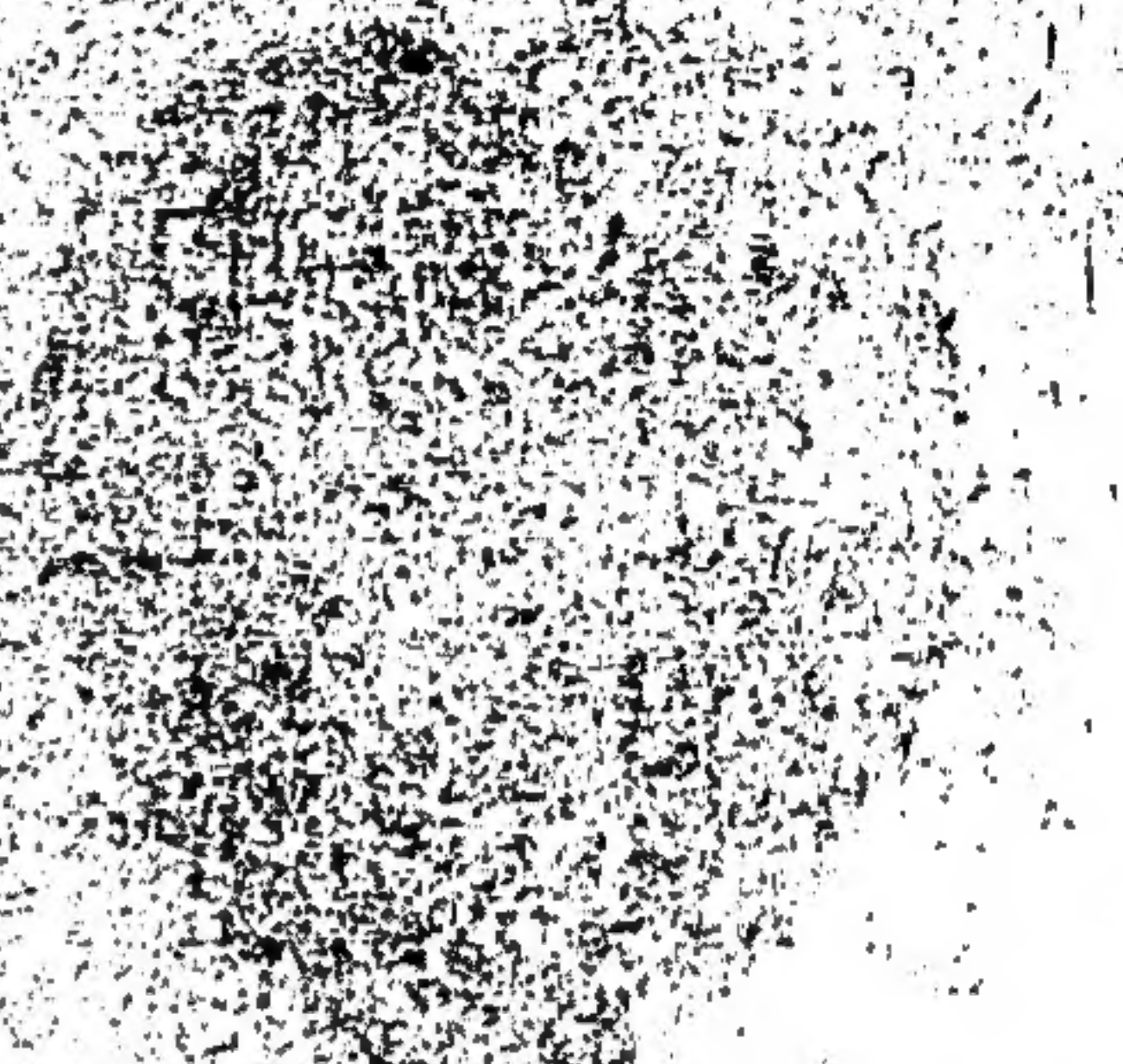


THE KILLER OF THE



THE BLACK RUBY PORCELAIN

THE RUBY PORCELAIN



THE RUBY PORCELAIN

THE RUBY PORCELAIN

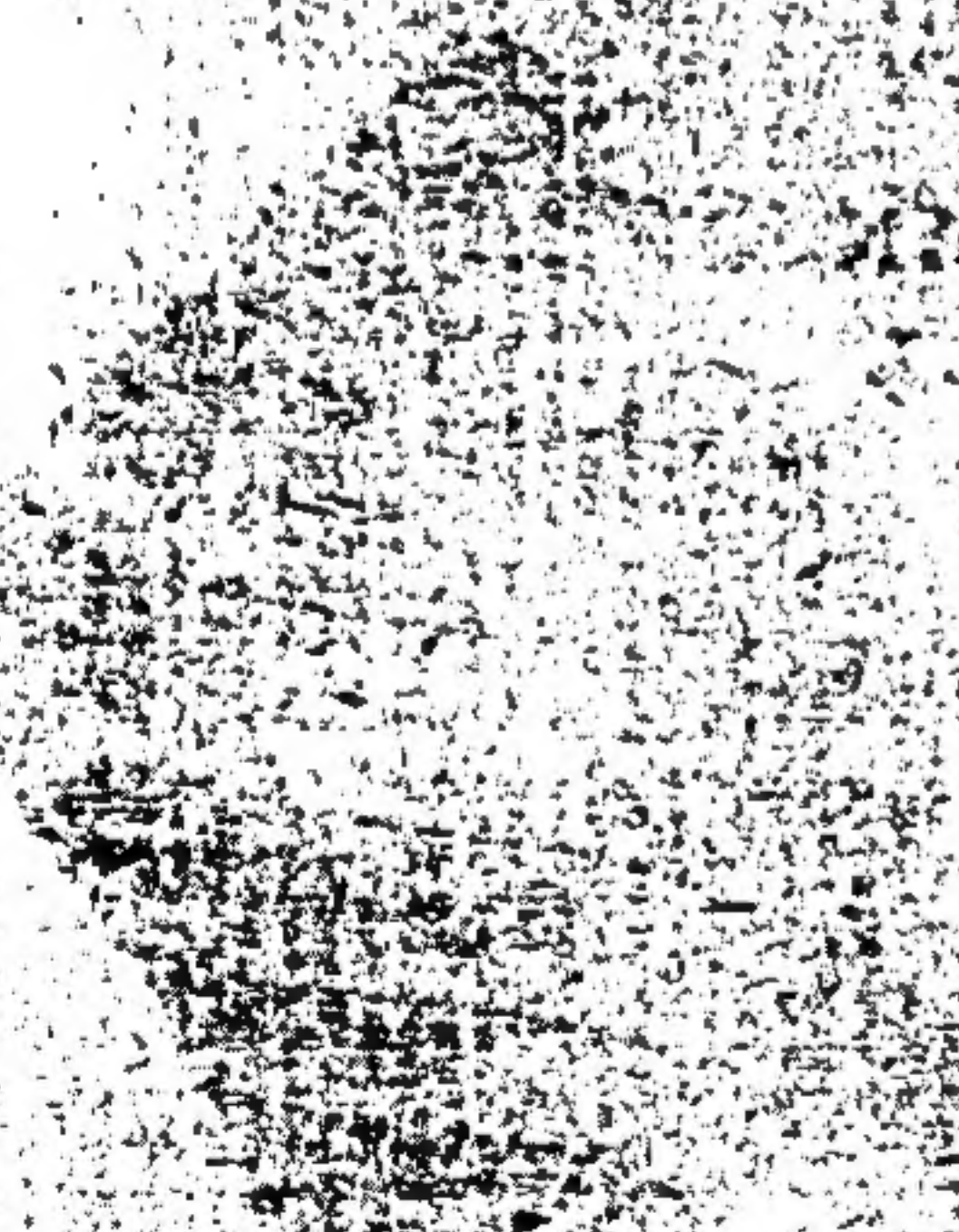
THE RUBY PORCELAIN



THE RUBY PORCELAIN

THE RUBY PORCELAIN

THE RUBY PORCELAIN



THE RUBY PORCELAIN

THE RUBY PORCELAIN

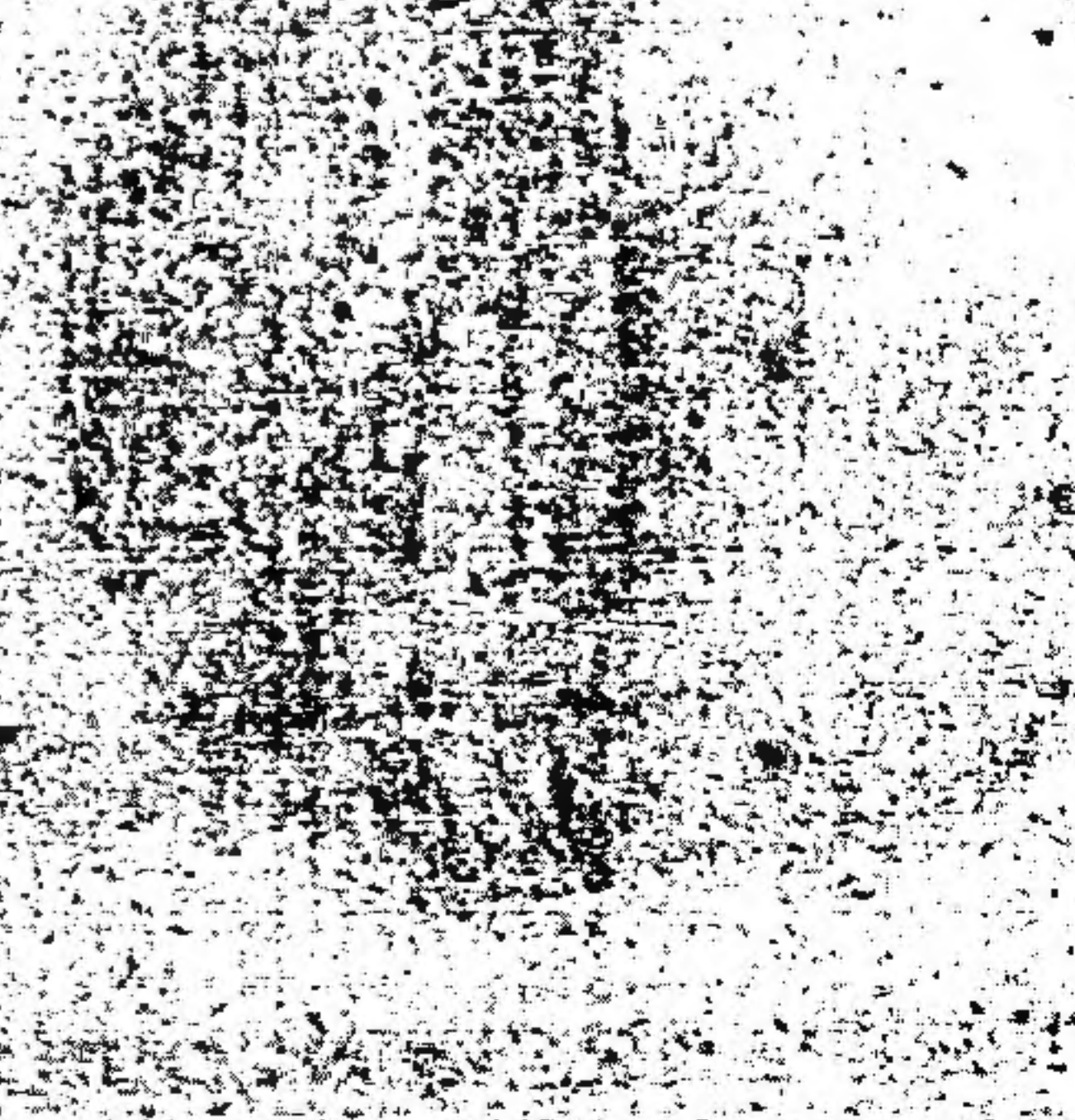


THE RUBY PORCELAIN

THE RUBY PORCELAIN

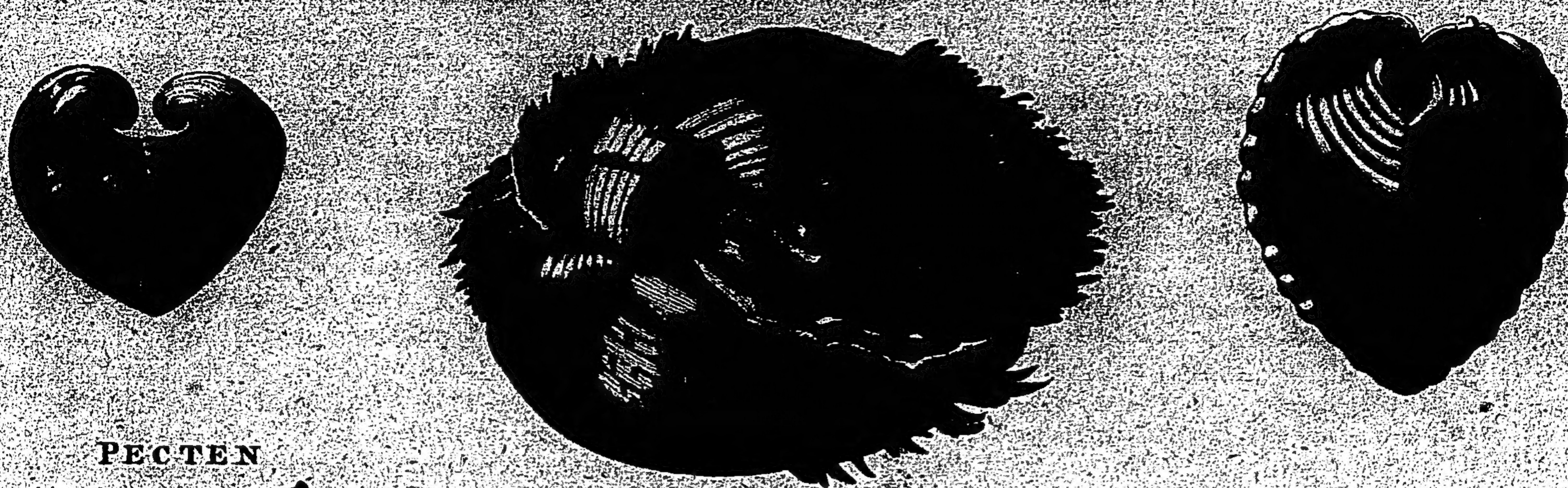
THE RUBY PORCELAIN

THE RUBY PORCELAIN

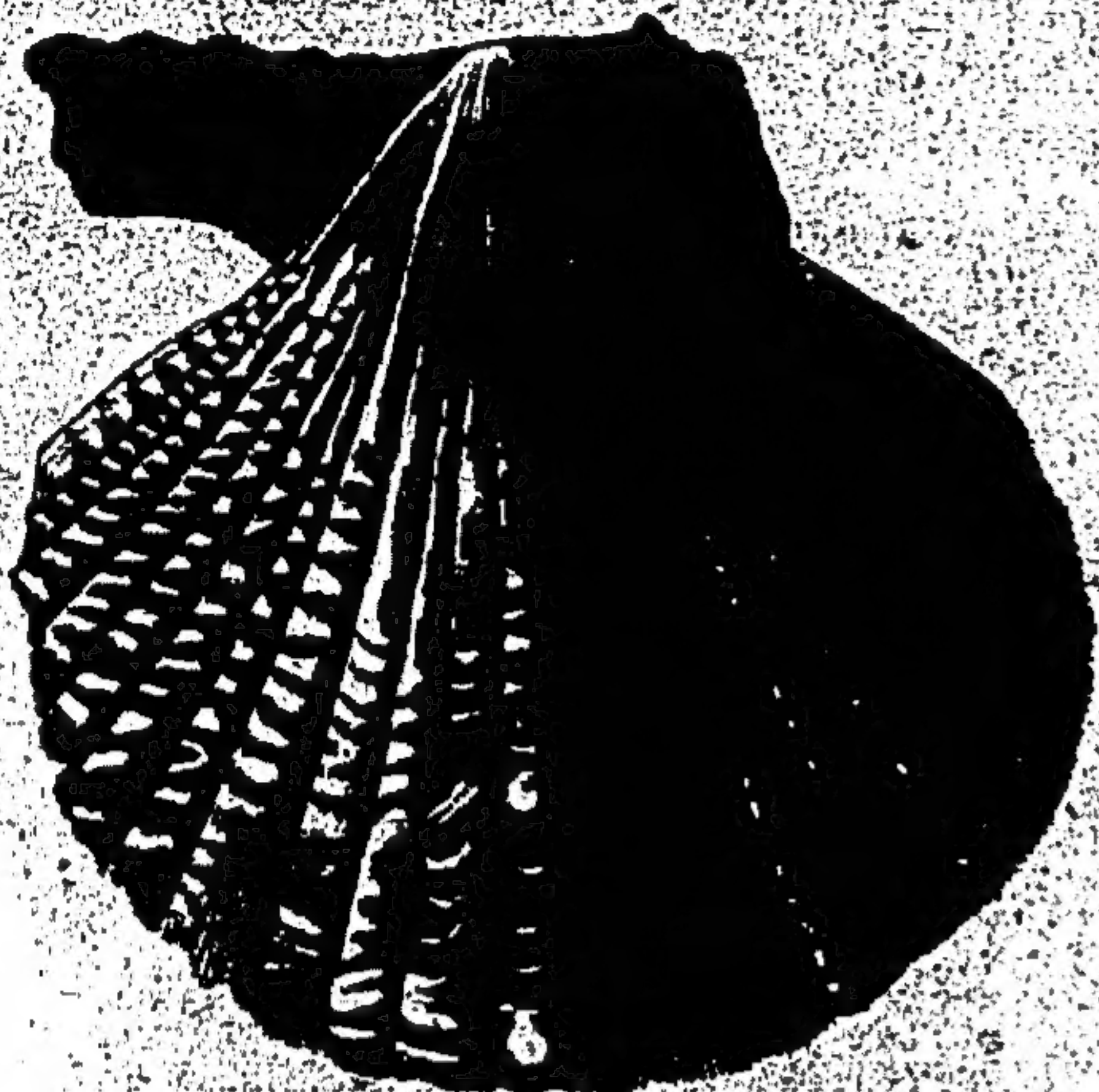


SHELLS

CONCHÆ CORDIFORMES or HEART SHELLS



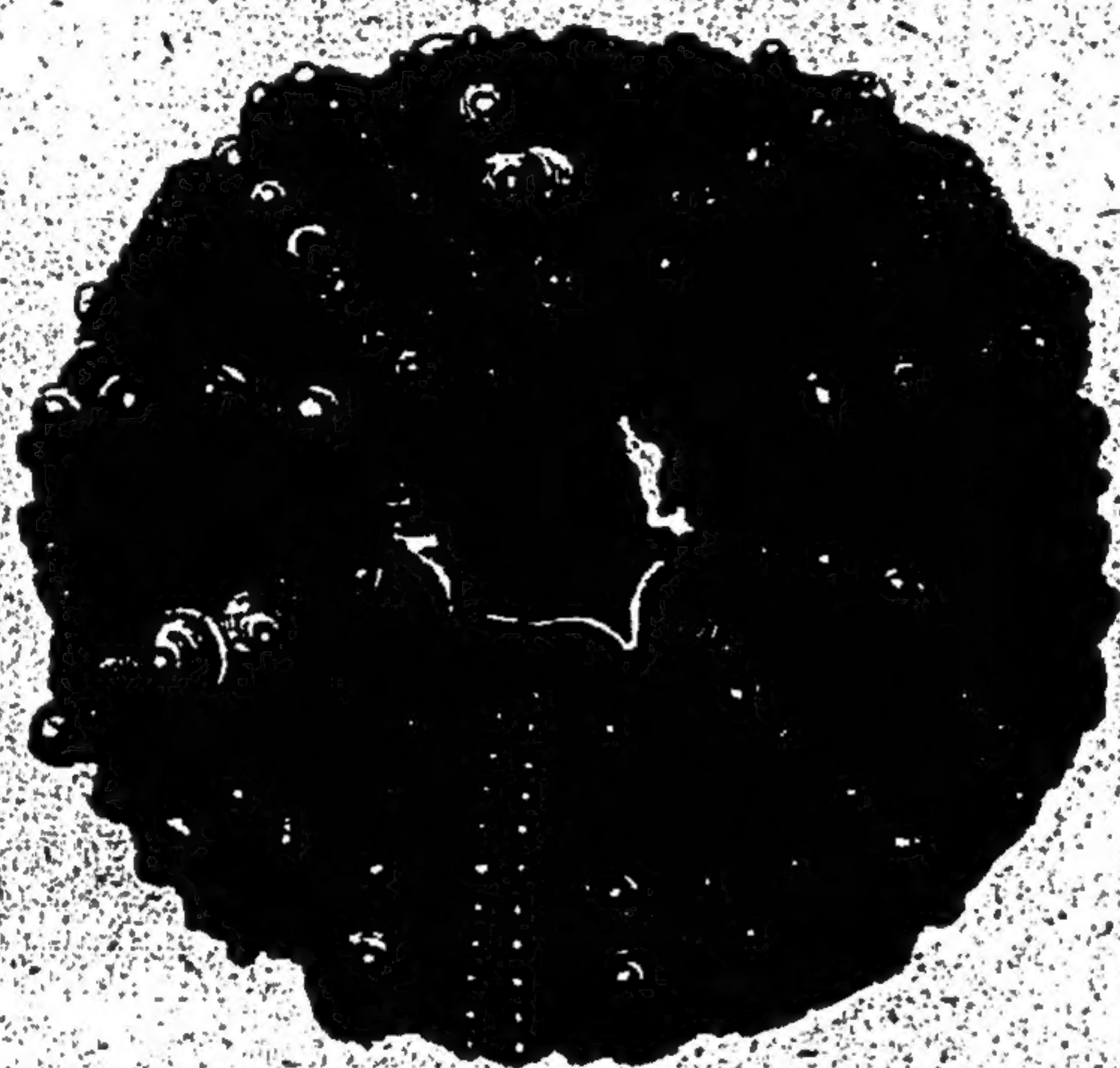
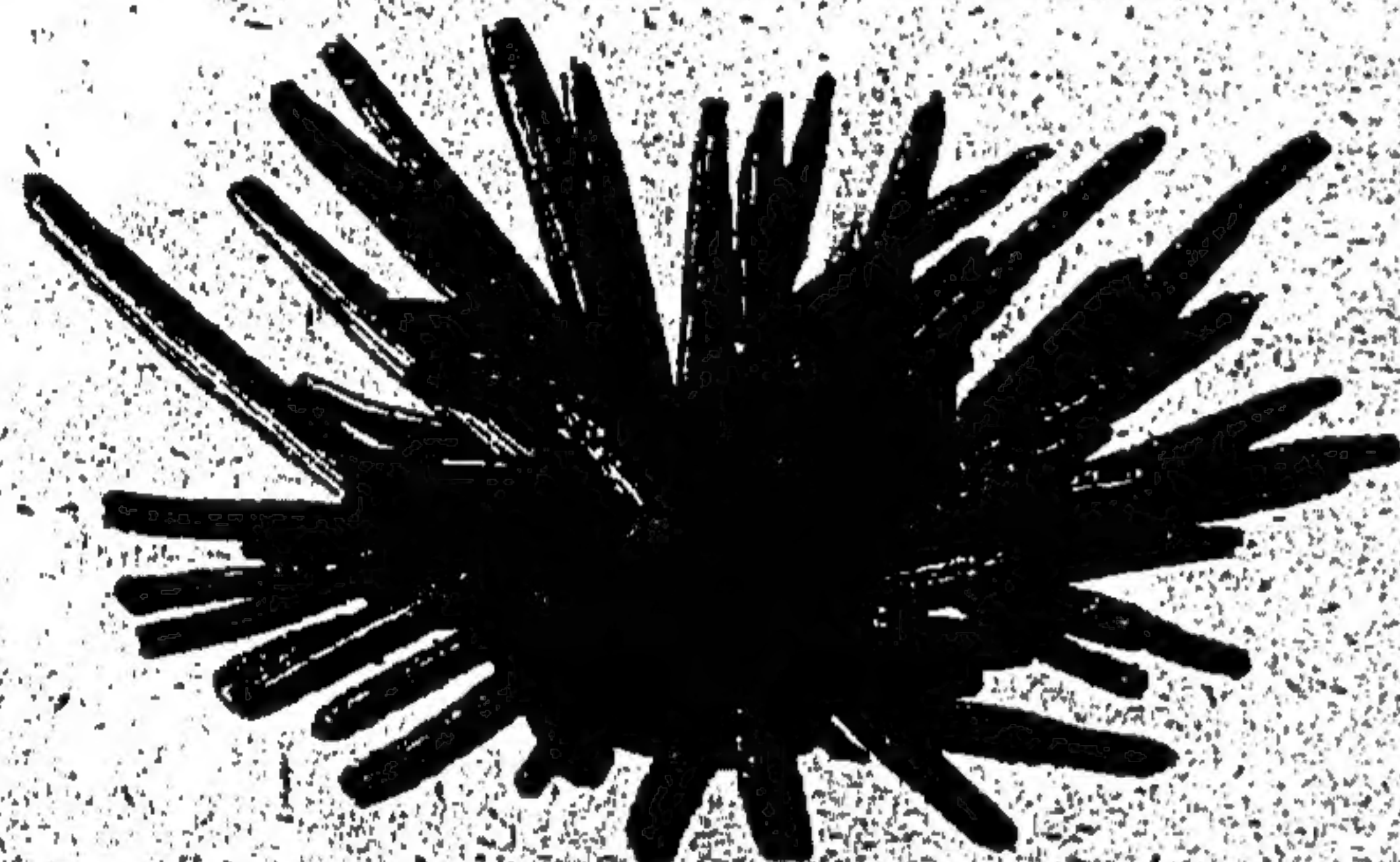
PECTEN



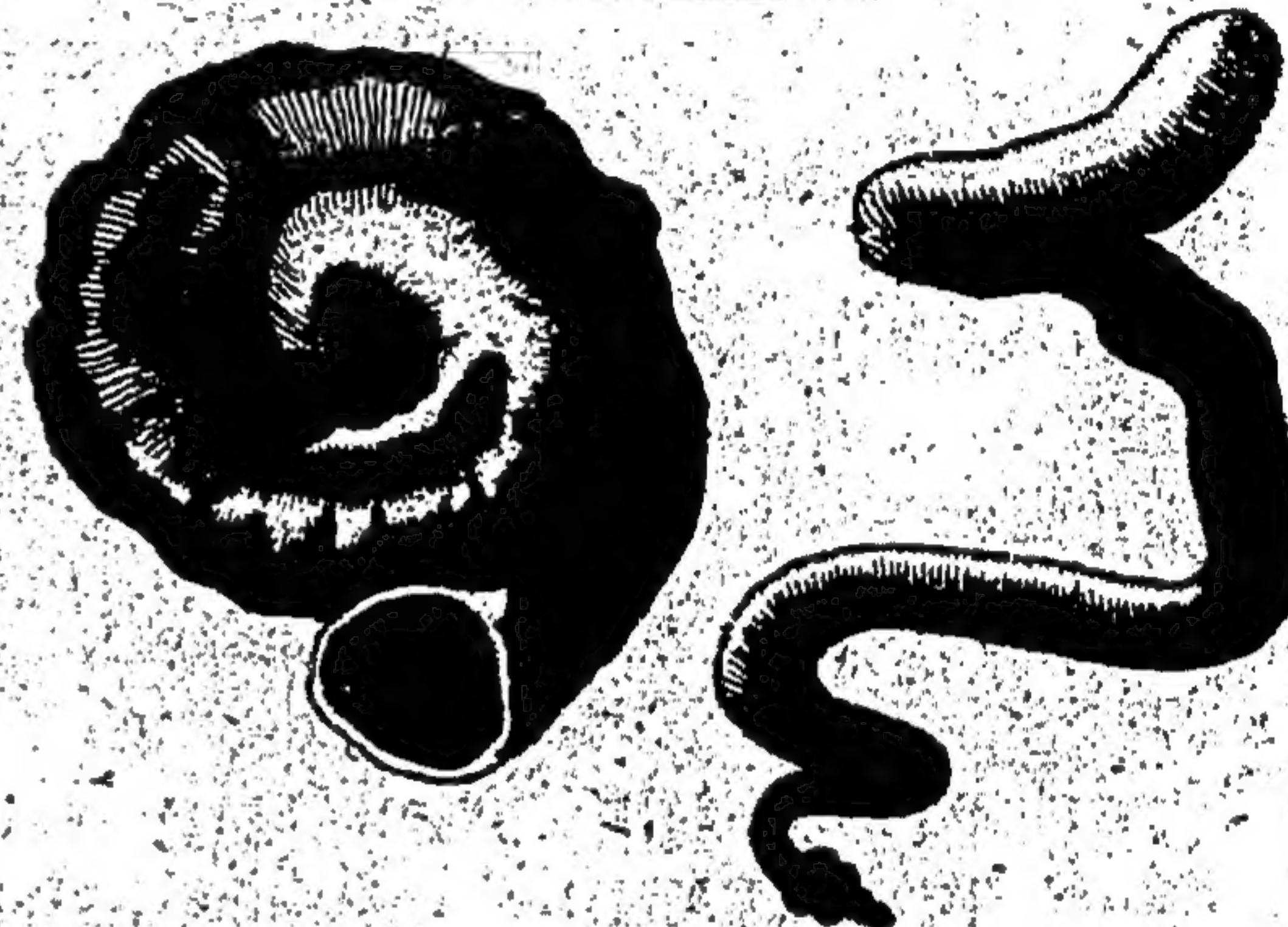
SOLEN



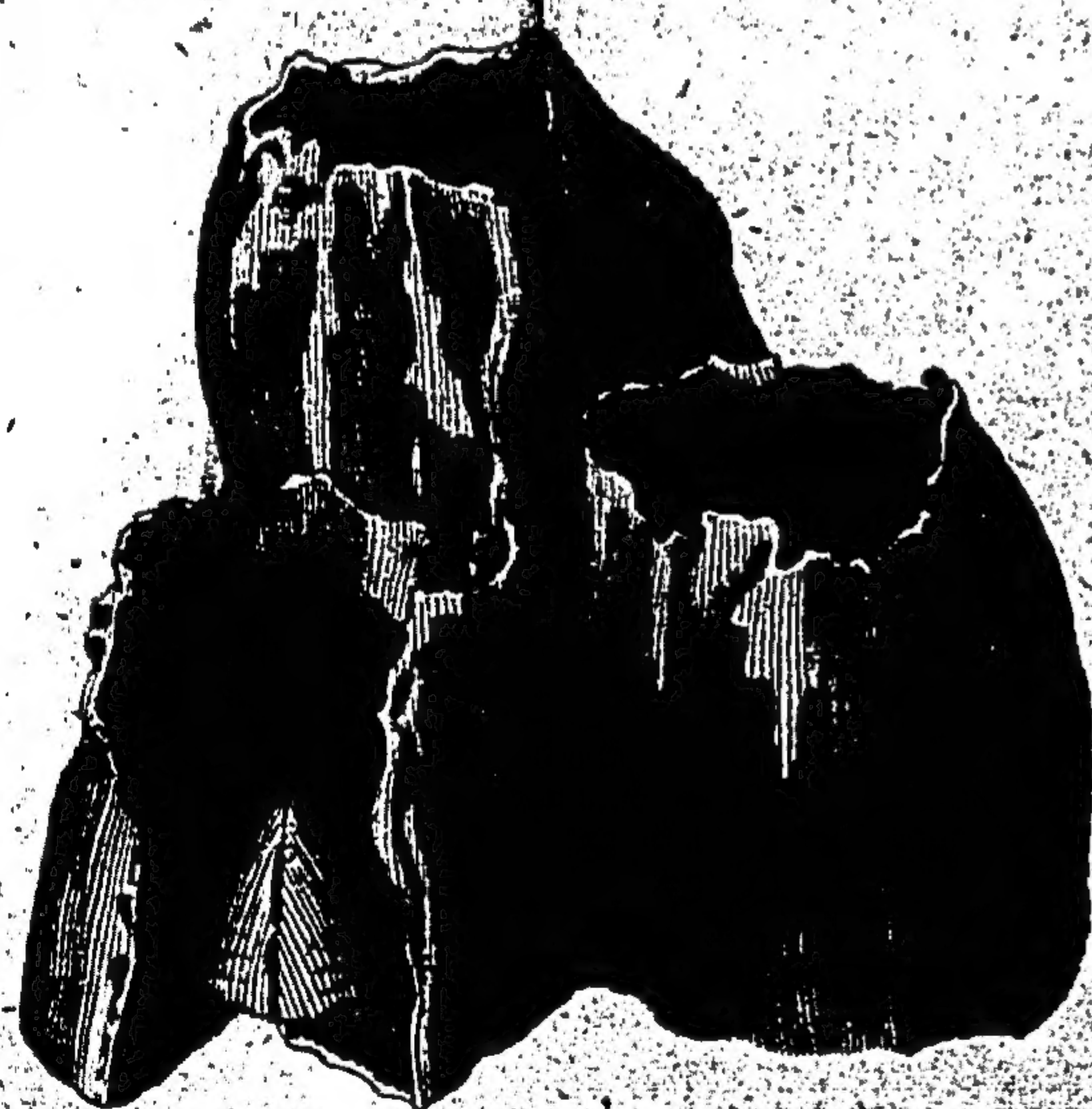
ECHINI MARINI



TUBULI MARINI



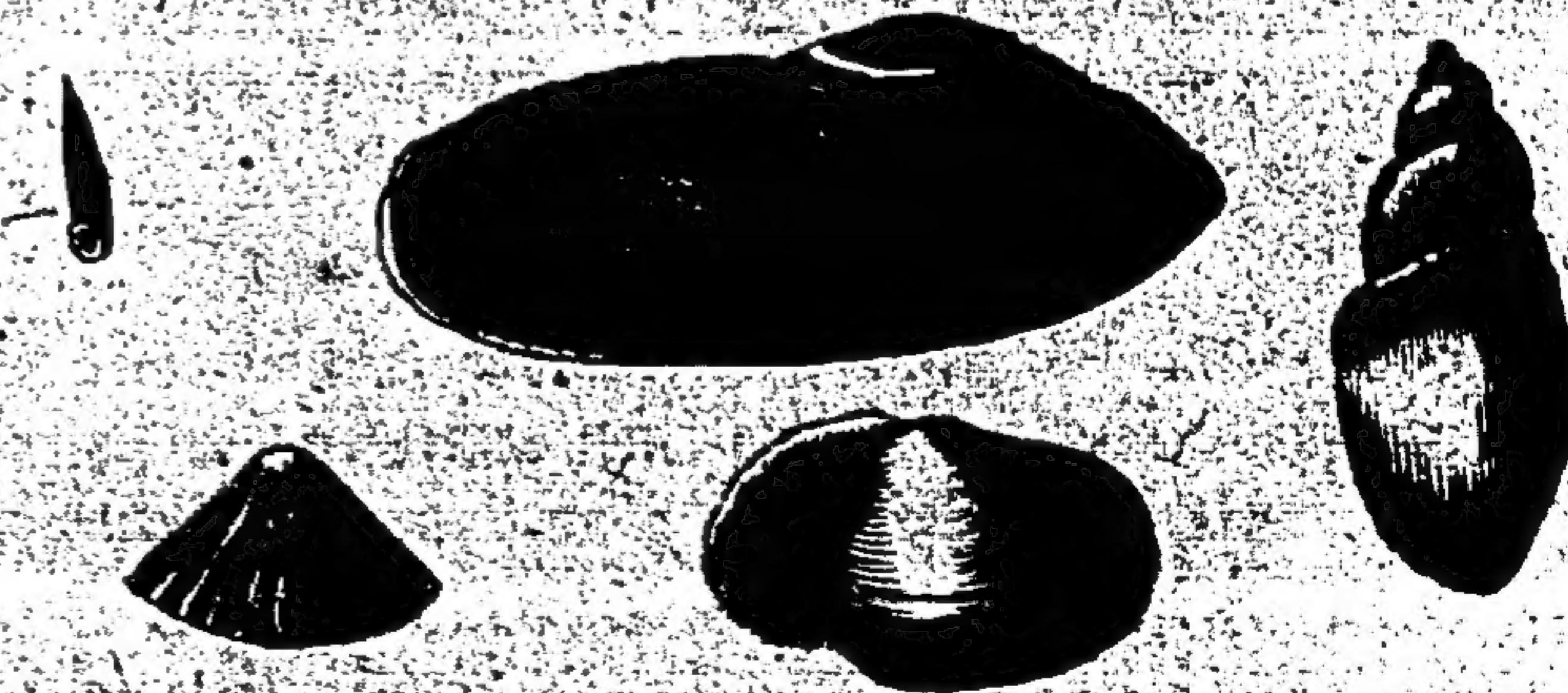
BALANI



POLLIPIES



COCHLEÆ FLUVIATILES



PHOLAS



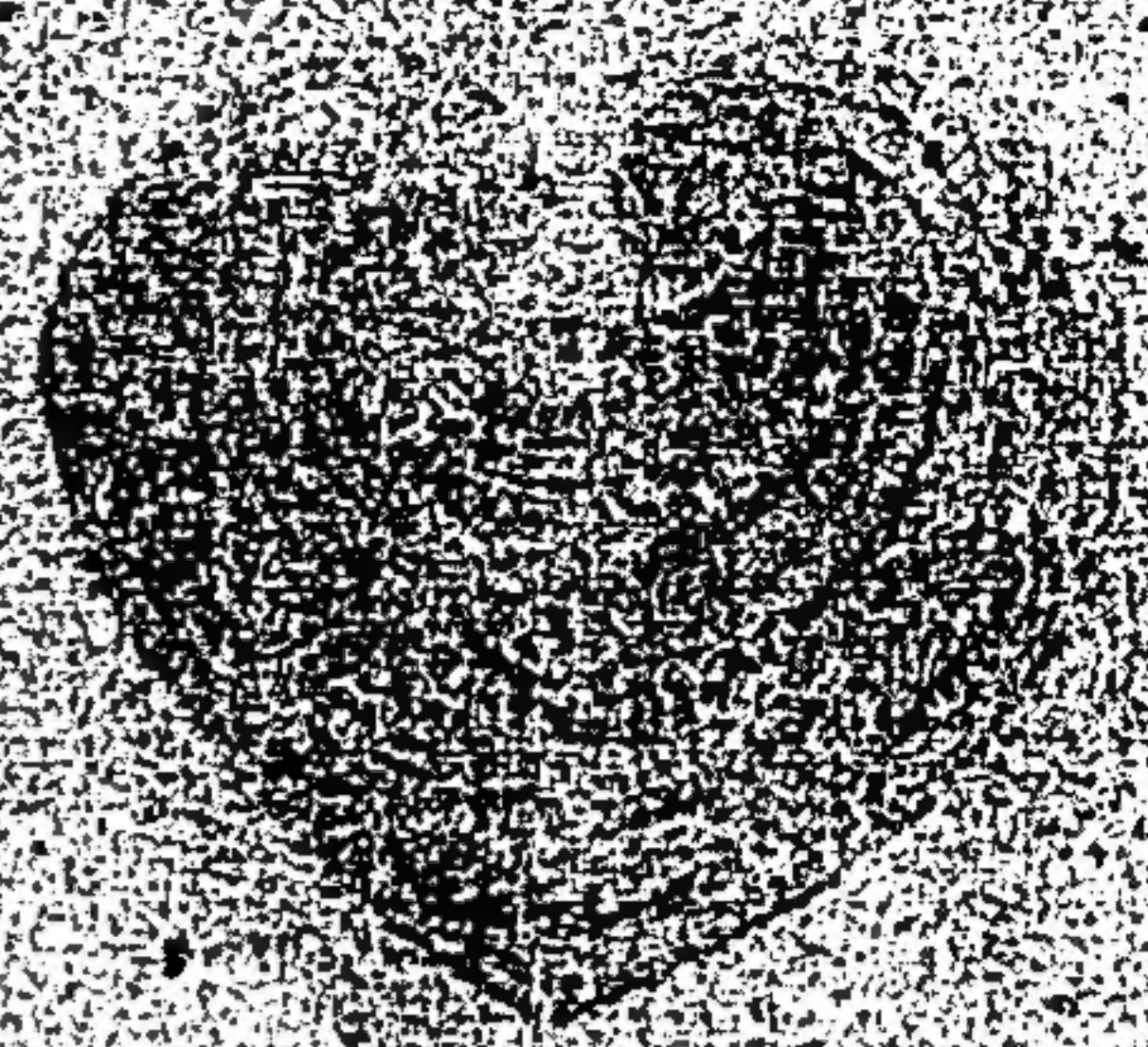
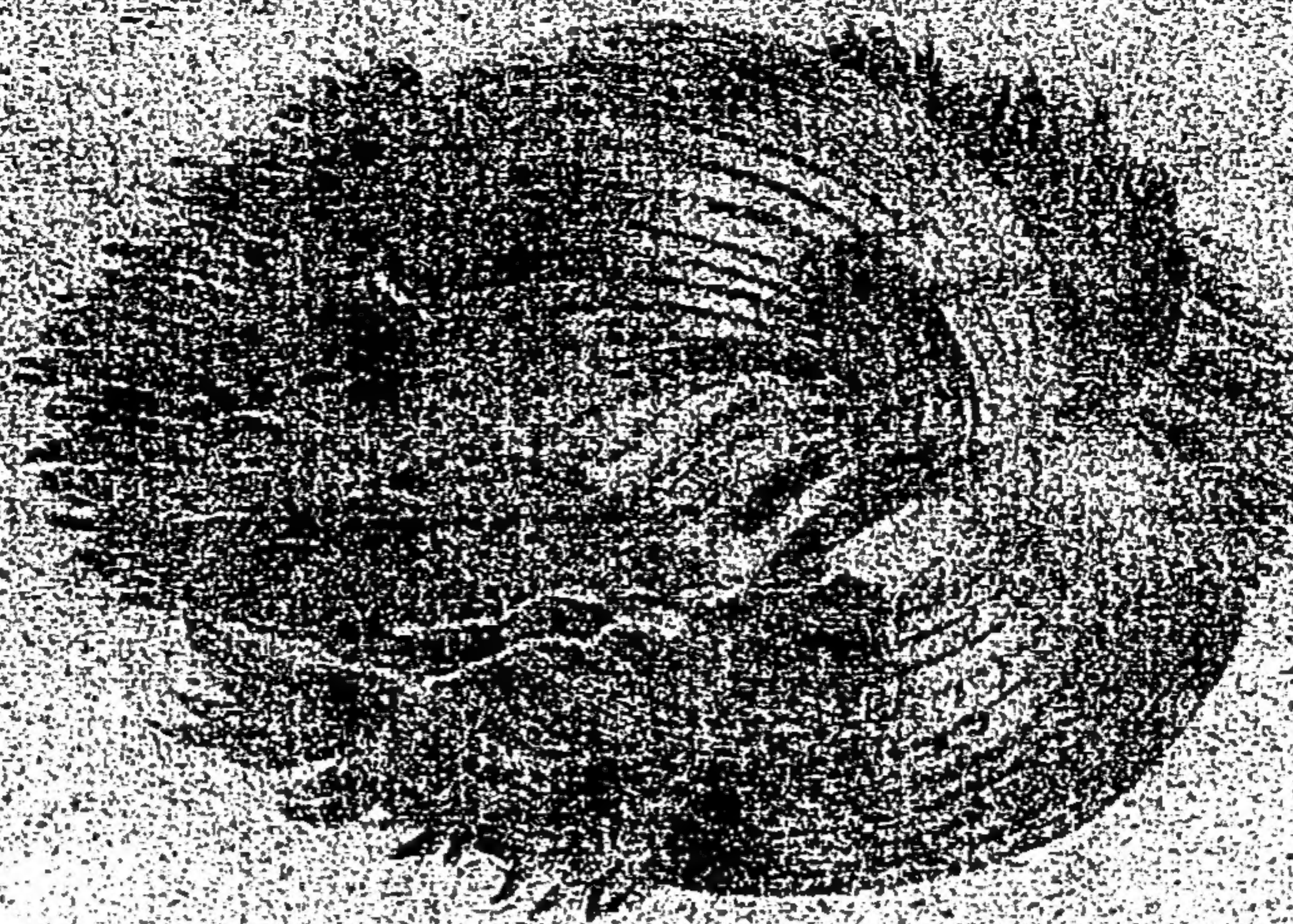
CONCHÆ ANATIFERÆ



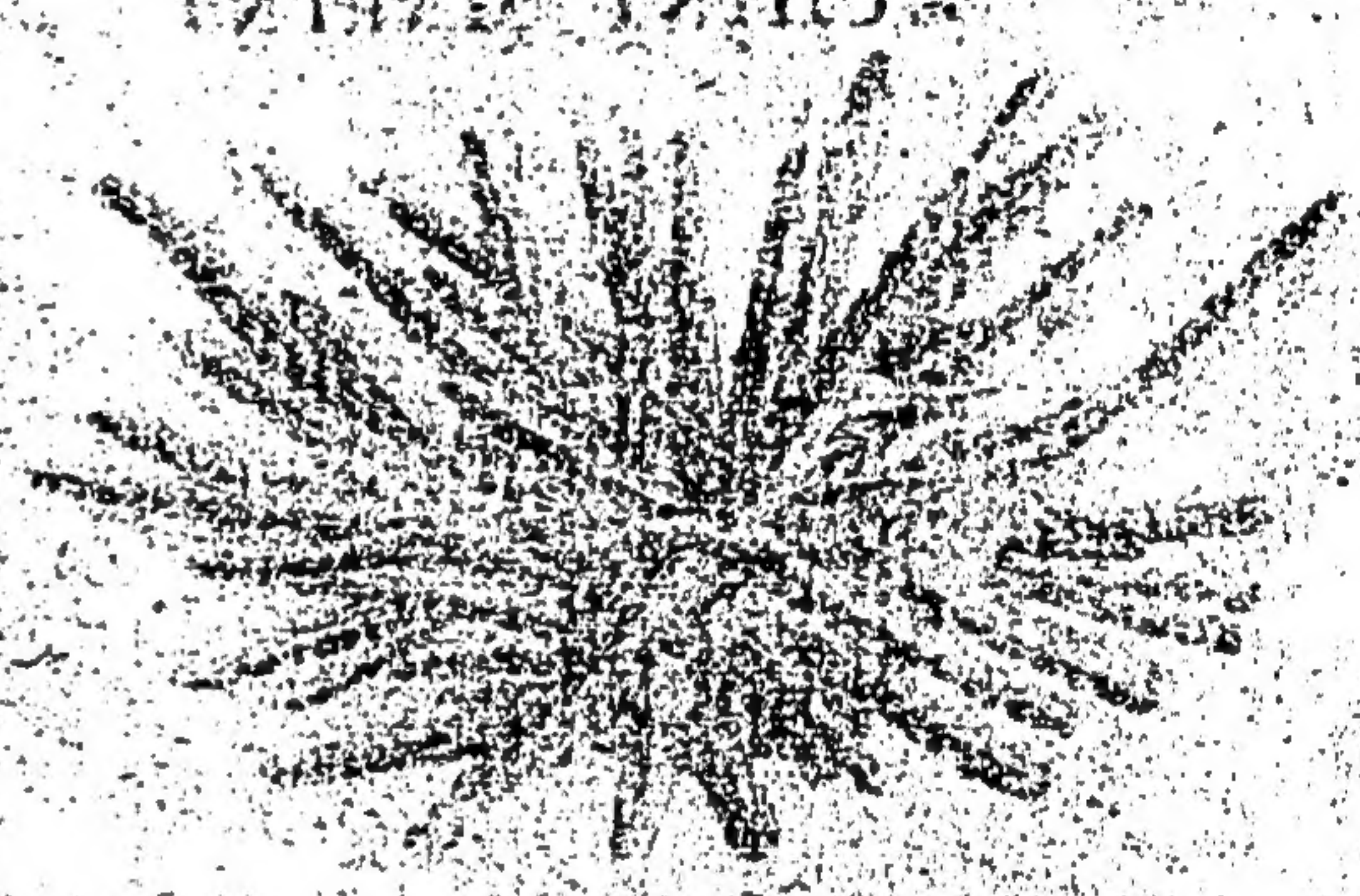
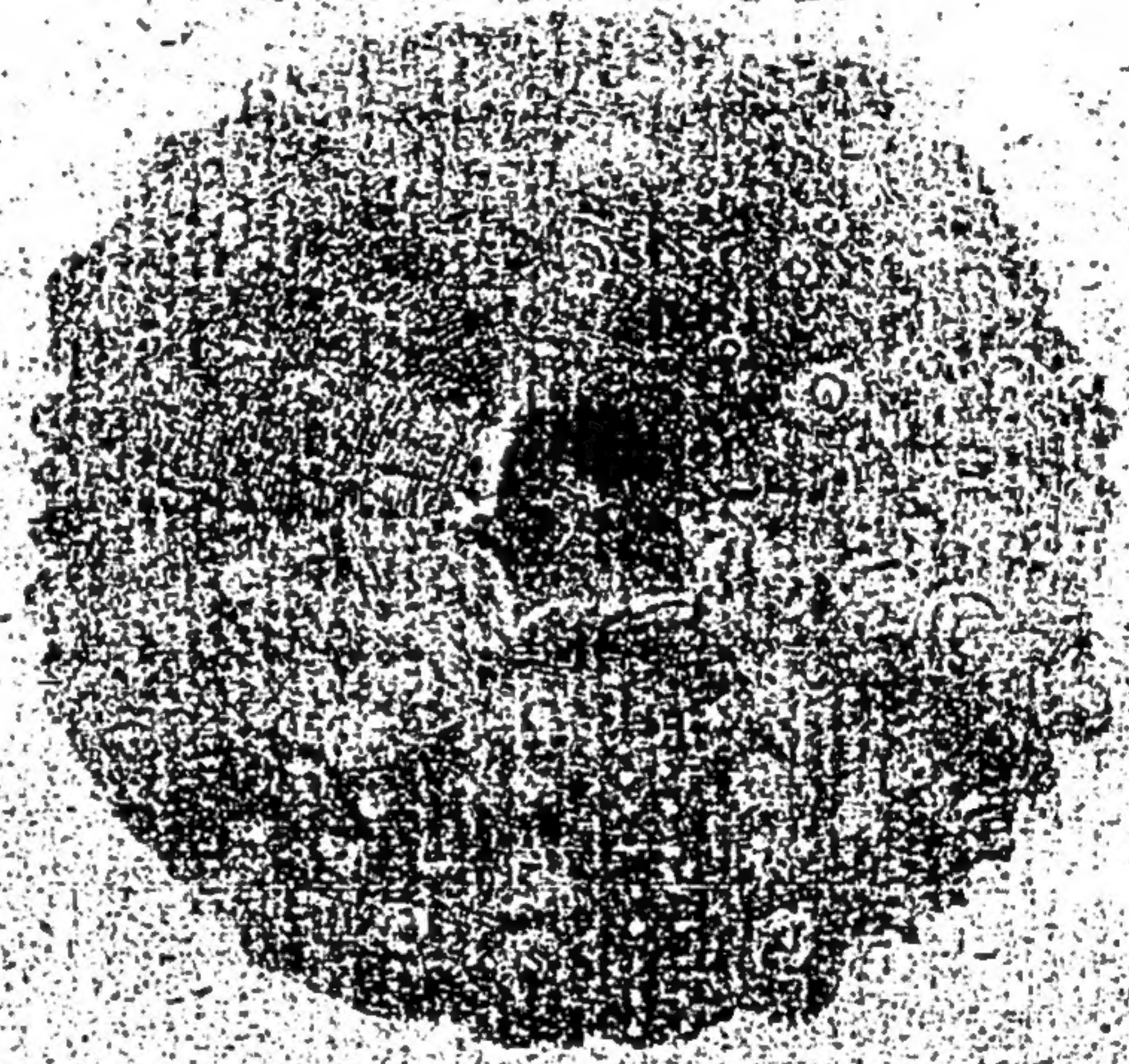
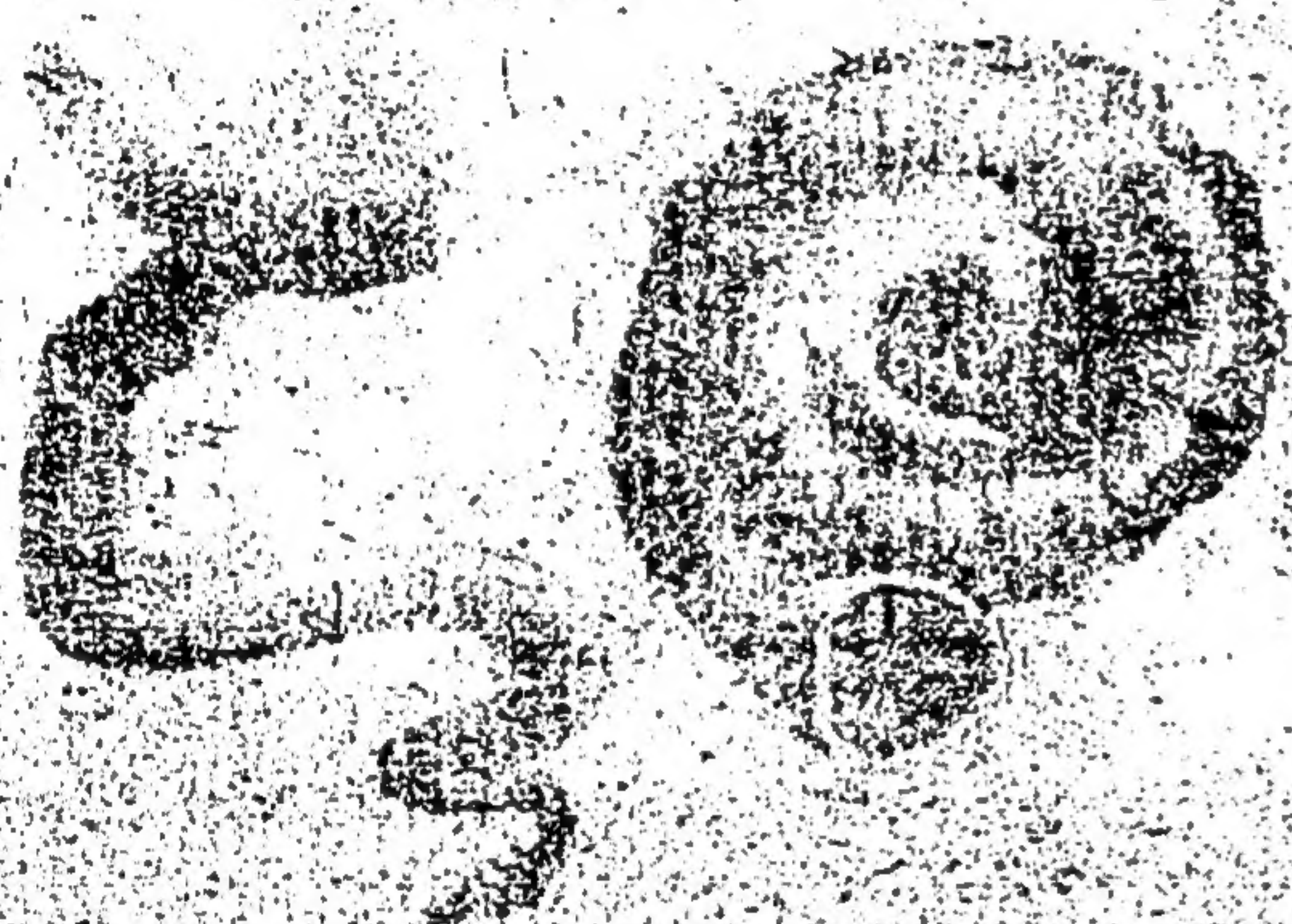
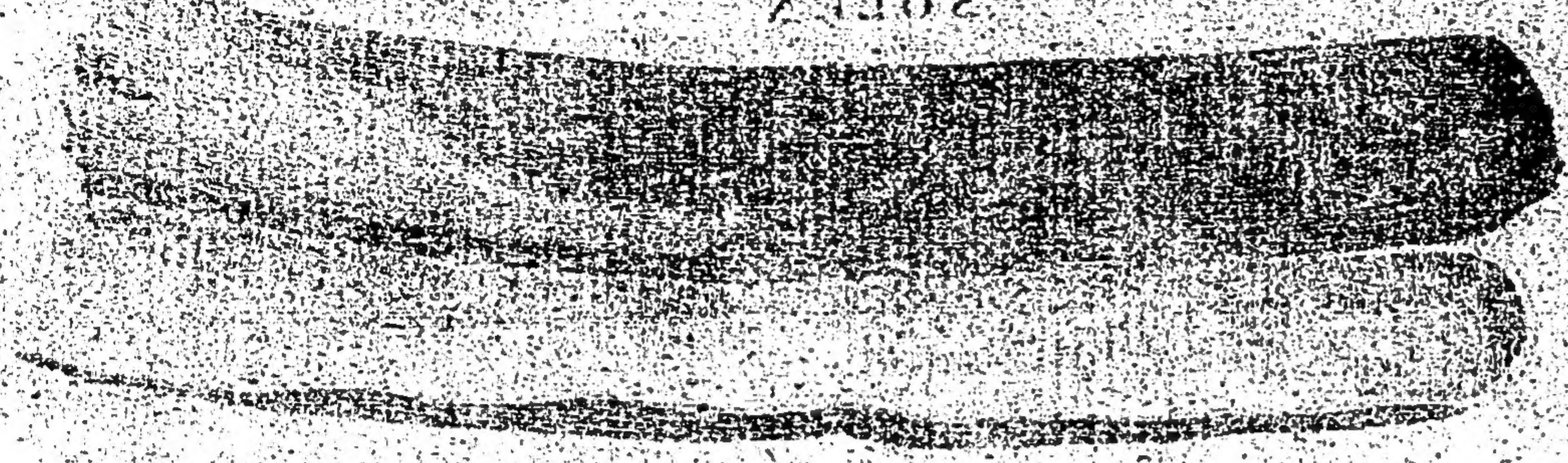
COCHLEÆ TERRESTRES



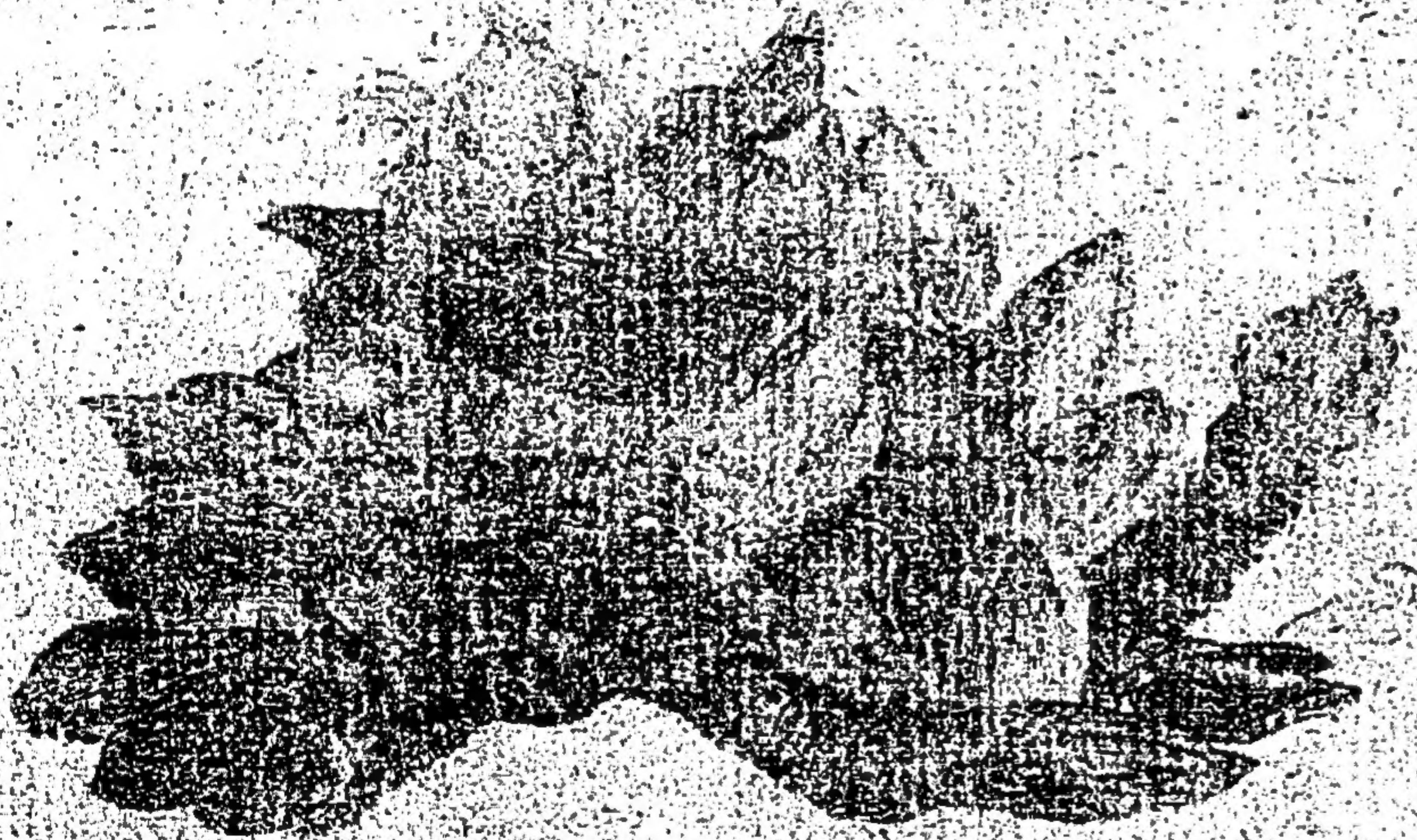
COCHINEAL DYEING OF WOOL YARN



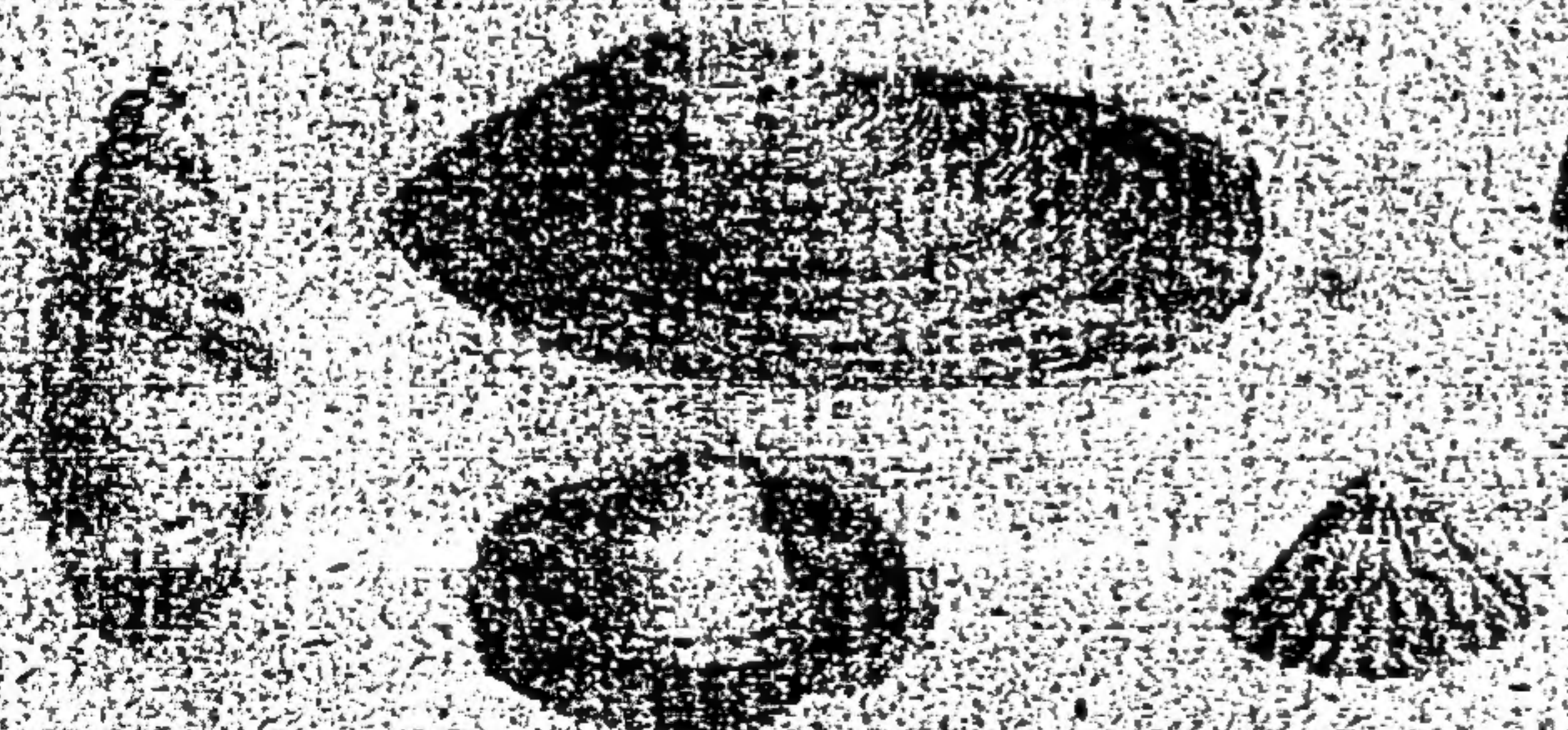
2011



2012



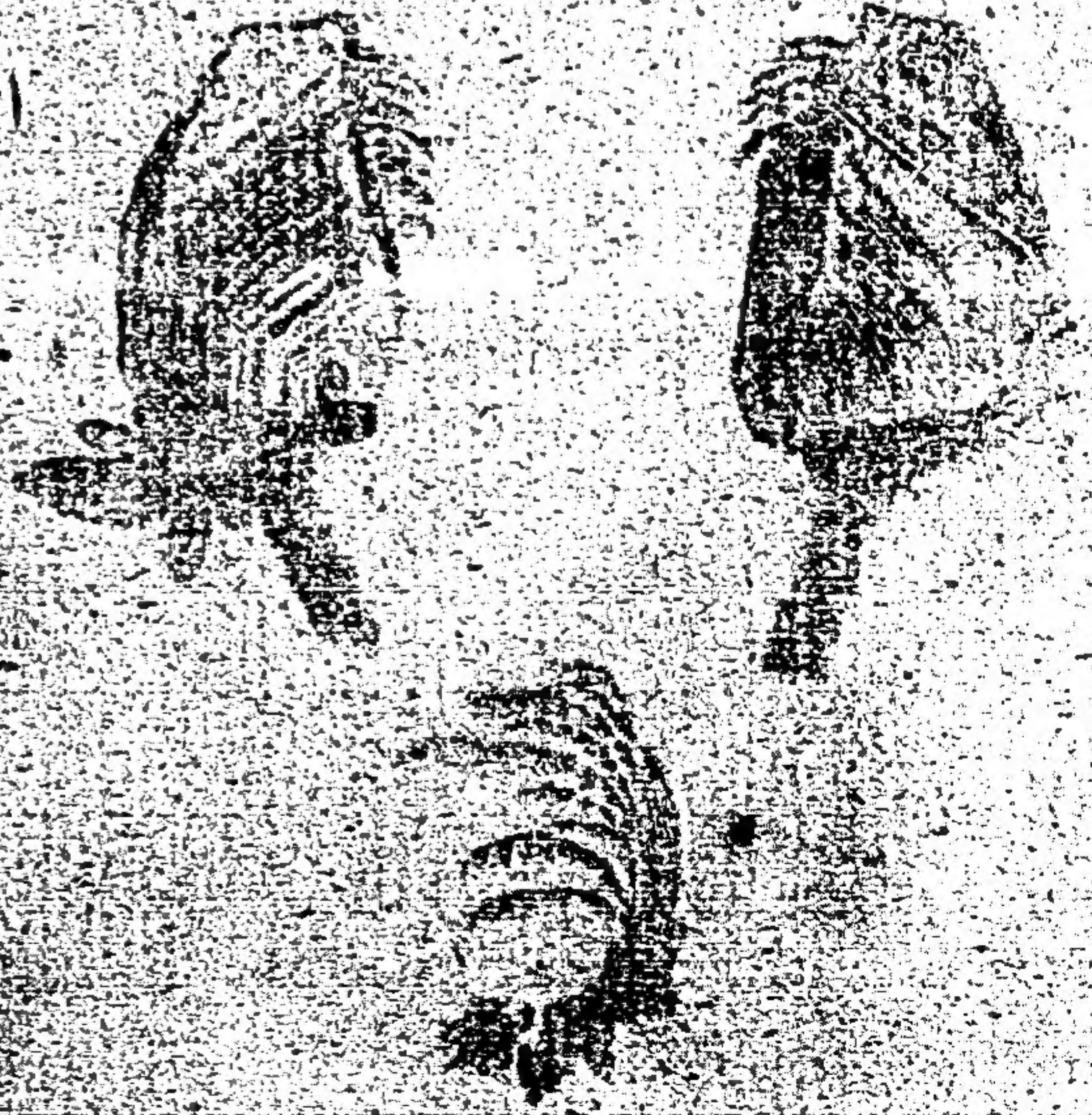
COCHINEAL DYEING



2013



COCHINEAL DYEING



COCHINEAL DYEING



St. Cuthbert's Horn Shell is of the spiral flatted kind, and about half an inch in diameter. It is firm and solid, and of a fine glassy brown, with a tincture of olive colour. It consists of two or three turns, and the clavicle is depressed in the center; the mouth is partly filled up with the next turn of the shell, and the lip is narrow, but thicker, and of a paler colour than the rest of the shell. It is common every where in England.

The taller Snail Shell, with a long clavicle, is one of the most beautiful of this kind, being about an inch high, and three quarters of an inch in diameter. The mouth is half round, and partly filled up by the succeeding turn of the shell: It is surrounded with a thin rim, of a palish yellow colour, and the clavicle has four turns, terminating in a point. The colour is of a dusky yellow, variegated with olive brown. It is sometimes met with in deep rapid rivers.

The variegated oval Snail Shell, with a blunt clavicle, is about three quarters of an inch high, and near half an inch in diameter. The body is large, but pointed at the extremity of the mouth. The clavicle has three turns, and the top is blunt. The colour is of a greyish white, variegated with belts of a deep brown. It is found in large rivers.

The large-mouthed brown Snail Shell, with a sharp clavicle, is about half an inch high, and the same in diameter. The body is oval, and the clavicle long and pointed at the top. The shell is of a dusky brown, and the mouth is remarkably large, and edged with a thin rim or lip. It is common in brooks.

The chequered fresh-water Nerite, or Snail Shell, is about half an inch in length, and nearly as much in diameter, being almost of an oval shape. The clavicle has but two turns, and the mouth is narrow, with a lip on each side. The surface has furrows lengthways, and others transverse. The colour is almost white, variegated with blackish clouds or spots. It is met with in the trout streams about Uxbridge and other places.

The red fresh-water Nerite, or Snail Shell, is about half an inch long, and above a third in diameter. The colour is of a pale red, but a little dusky, and the shell is more firm and thick than most others of this kind. The surface is pretty smooth, the mouth narrow, and the lips of a pale red. The clavicle is short, and has two turns near one edge, at the smaller end of the shell. It is found in plenty in the rivers of Northamptonshire.

The great conical Snail Shell, with a depressed mouth, is about a third of an inch high, and its diameter is near as much at the base, where it terminates in a blunt little button. The colour is of a pale grey, and the substance is very thin and tender. The mouth is partly filled up with the succeeding turn of the shell.

The long-mouthed Screw Shell. It consists of about thirteen turns, and has a long narrow mouth, edged with a furrowed lip.

The brown Pipe Shell, with a large mouth. Its surface is smooth, and very thin, and the colour is of a dusky brown, in others it is white, and in some yellow.

The large mouthed Ammons Horn Shell. The surface is undulated transversely, and the colour is of a pale grey.

Bastard Cockle. The white smooth depressed, and the gibbous whitish variegated.

The reddish round streaked Cockle is about an inch and a half in diameter, and as much from the joint to the opposite edge. They are lightly streaked with a pale brownish red colour on the outside, and are of a fine pearl colour within.

The blueish oval Bastard Cockle is about half an

inch long from the joint to the opposite edge, which is broad and rounded; but at the top it runs up smaller, terminating bluntly. It is finely streaked longways, and the colour is of a pale blueish grey.

The extremely thin greenish Muscle is near an inch from the joint to the opposite edge, the surface is lightly streaked, and the colour is of a pale fine green.

The whitish variegated streaked Muscle is an inch long, and half an inch broad. The colour is whitish variegated with brown, and the shells are both pretty hollow.

The narrow brown angular Muscle is near an inch long, but not half an inch broad, and the shells are both very deep. The substance is pretty thick and strong, and the colour is a pale brown, with a tincture of olive.

The blueish rounded Heart Shell, when viewed sideways, looks like a heart painted on cards, and is about an inch long, and as much broad; as also but very little less in thickness. The surface is elegantly, but not deeply furrowed, and the colour is a dusky blue.

The reddish streaked Heart Shell is about half an inch long, and nearly as much broad; both the shells are very deep, and of a pretty firm, solid substance, lightly streaked; but the intermediate surface is smooth and polished, and the colour is white with a tincture of red.

To the account already given in this Work of REPTILES, SERPENTS, and INSECTS, we must beg leave to make the following additions.

SACERTA, or LIZARD:

BESIDES the Watry, the Brown, the Green or Viridis, and the Tarantula, our most eminent Naturalists mention the—Cameleon—The Leo, or Lion Lizard—Squamola, or Sealy—The Seps—and the Brazilian Lizard.

COLUBER, or SNAKE.

The Conchris—of Esculapii—Cæcilia—Natrix, or ringed Snake—The Siren—Slow-worm, or Blind-worm—Hæmorrhous, or Blood Snake.

ARANEÆ, or SPIDER.

There are several kinds of this insect, differing slightly from each other in habits or conformation, but varying considerably in size, as may be seen in the plate, under the head of Insects without Wings.

SCORPIONS.

The Barbary Italian—and Black African, are remarkable for their malignity; but in Europe they are neither so large, nor so venomous.

C R A B S.

In the plate, under the title of Insects without Wings, are various and exact representations of the Great—Wart—Little Squall—Little Woolly—Frog—Long Clawed—Long-armed Dutch—and the Hermit Crab.

I N S E C T S.

1. Cicada, or Cricket Dragon Fly, &c.
2. Papilio, or Butterfly kind.
3. Aurelia, and Leaf Insects.
4. Tæniæ, Cafes, Worms and Flies.
5. Ephemeras, Butterflies, Moths, and Bees. See the plates of winged insects.

6. Flies,

6. Flies, Beetles, Locusts, and Gnats.
 7. Gall Insects and Water Worms.
 8. Naked Insects, as the Amber-shall, &c.
 9. Cattle, Fish, &c.
 10. The Eagle of the Oak—Of the Horn-bean—Of the Lilly—Of the Rose—Of the Elder—Of the Lime-tree—Of the Fig-tree, and Box, &c. &c.

These are all accurately described in the plates, and may be known by mere inspection; but a particular description of each could scarcely be contained in a folio volume; and by the generality of Readers would be considered only as a disgusting prolixity.

inch long, but not half as broad, and the thickness is very thick and strong, and the colour is a pale brown, with a

however **B. R. H. D. S.** The blue, looks like a heart pointed on each side, and is a very little less in thickness. The surface is elegant.

Is an extremely elegant little species, it is of the bigness of a fieldfare, but has all the characters of the owl-kind in the strongest manner about it: the head is large, short, rounded, and very thickly covered with feathers, they are short, but very downy, and are of a dusky blackish-grey, or what we properly express by the term lead colour: the ears or horns, as they are called, are short, but very erect; they consist each only of a single feather, but that is very well plumed, and makes an extremely pretty appearance: the back and sides, and the covering feathers of the wings, are of a colour approaching to that of the head, but not exactly the same; they are paler, and are of a simple grey, without that admixture of the blue tinge, which gives the other what we call the lead colour. This, however, is not the sole simple colour, every feather has on it a number of elegant round, white spots, and the whole back of the bird is by these variegated in an extremely beautiful manner: the larger feathers of the wings and tail are of the same grey with those of the back, only paler; and they are variegated with almost innumerable little white spots, disposed in several transverse series; and there is beside a long black line on each of the shoulders and upper part of the wings, in the male birds, have a beautiful cast of reddish brown in the grey, which gives the white a yet greater advantage: on the belly the feathers are paler than any where else, and towards its lower part they are, indeed, whitish; but in these, as in all the others, the roots are black.

The eyes of this species are very large, and remarkably bright; their iris is of a flame colour: the beak is short, black, and crooked; the legs are not very robust, but they are feathered down to the toes, which makes them look thick; the plumage upon them is grey, with a tinge of reddish brown: the toes are small and slender, they are of a greyish or lead colour; the feathering does not reach over

them, but they are squammate. It is frequent in Italy, but is not so common in any other part of Europe; it lives in woods, and sometimes about old buildings, and comes abroad only in the night, then making a loud hoarse noise.

THE HOOPOE or UPUPA

Is an extremely singular bird; its weight is about three ounces, but it is so thick covered with feathers, that it appears large, in proportion to that weight: the head is large, and is ornamented with an elegant crest; the eyes are small, but very bright and piercing; the beak is of a very singular figure, it is an inch and a half long, somewhat bent into the form of a bow, pointed at the end, very slender, and all over of a black colour: the nostrils are large and oval, and stand toward the base, and there runs on each side, all the way down, a longitudinal furrow: the tongue is short, and lies deep in the mouth; it is broad at the base, and pointed at the extremity, and is, upon the whole, of a figure approaching to triangular: the figure of the whole bird approaches to that of the plover.

The crest on the top of the head is extremely elegant; it is composed of a double series of feathers, two fingers breadth high, and continued from the base of the beak toward the extremity of the tail: the wings are moderately large, when expanded; they measure about sixteen inches from tip to tip, and, when closed, they reach nearly to the tip of the tail: the long feathers in each are eighteen; the ten first of these are black, with a white area on each; the succeeding ones have also a white area on them, and the tips and edges of some of the last are reddish.

The back is very elegantly variegated with black and white, in little alternate spaces on every feather: the legs are short, and not very robust; the toes are moderately long; the outer toe is connected to the middle one, some part of the way down, without the help of a membrane: the claws are moderately long and sharp.

This bird is a native of the northern parts of Europe, but is no where very plentiful. It had been long known in Germany and Sweden, before it was supposed to be a native of England, and several of our old writers declare it not to be such.

It is found at the smaller end of the island of Sicily, and is very common in the country of Calabria.

QUADRUPEDAE

all birds of this kind are of a round shape, and are of various sizes, and are of various colours.

ZEPDA. This animal, according to M. Buffon, is found to the south of the Palus Tritonides, in Libia. It has something of the nature of the Hare, and something of the Squirrel. It lives on the palm-trees, and feeds on the fruits.

The Zepda is a large animal, with a large head, and a long neck, and is of a round shape, and is of various colours.

The Zepda is a very common animal, and is found in the country of Calabria, and is very common in the country of Calabria.

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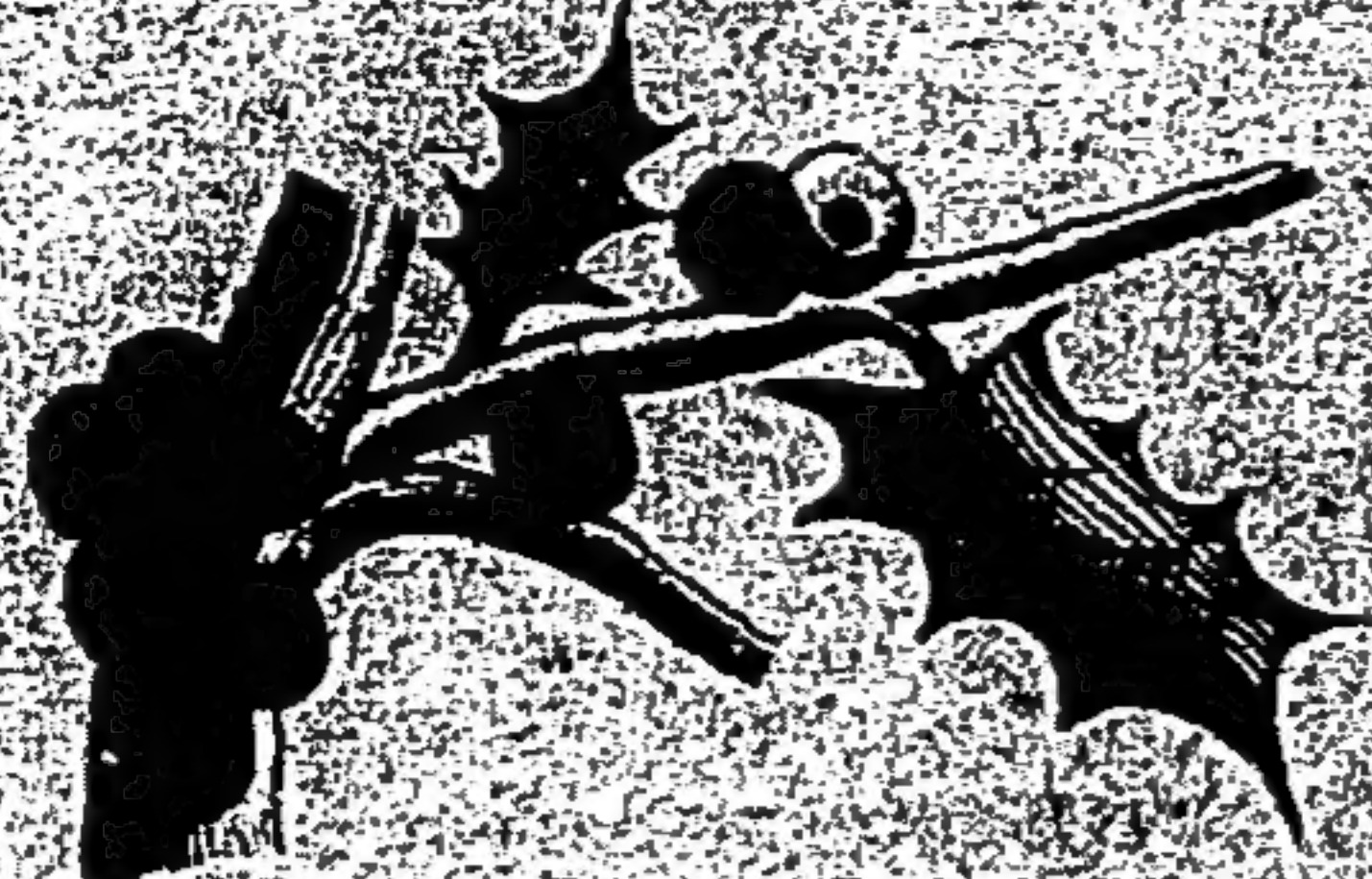
INSECTS

GALL INSECTS

Of the Oak



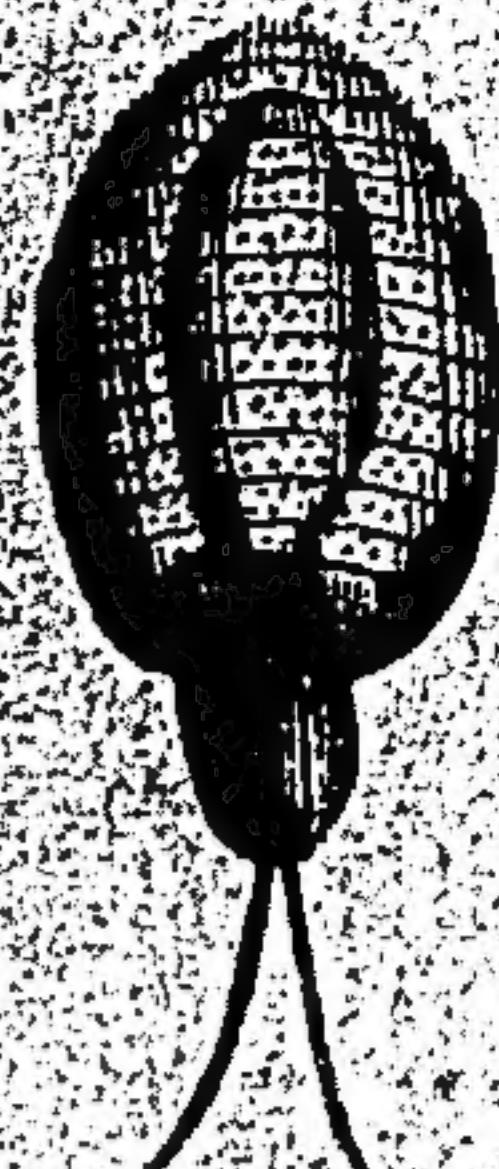
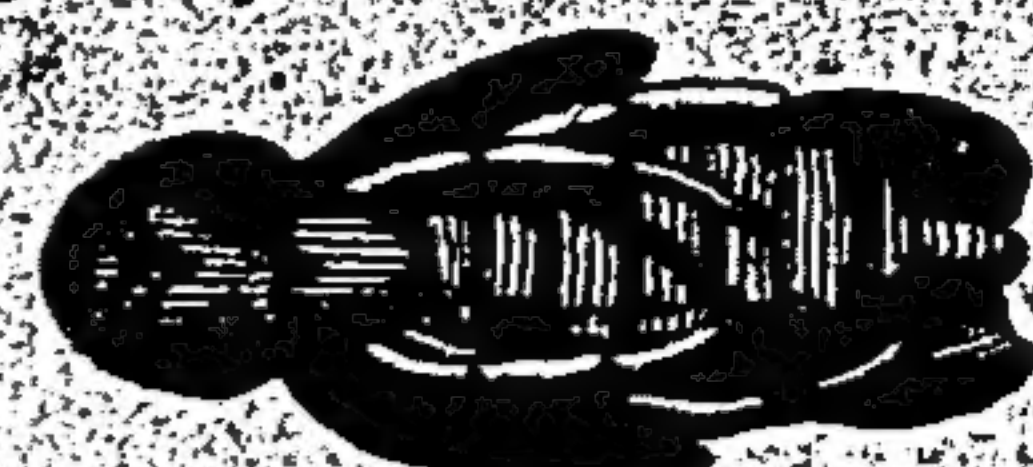
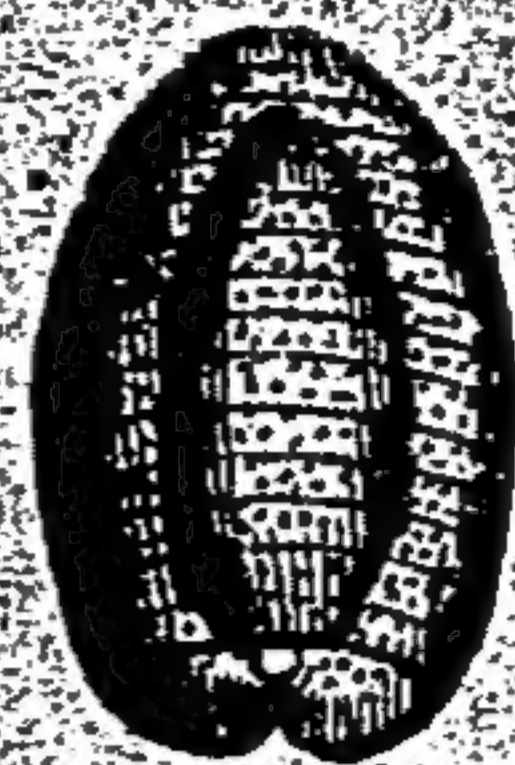
Kermes



Of the Peach Tree
Nat. Size



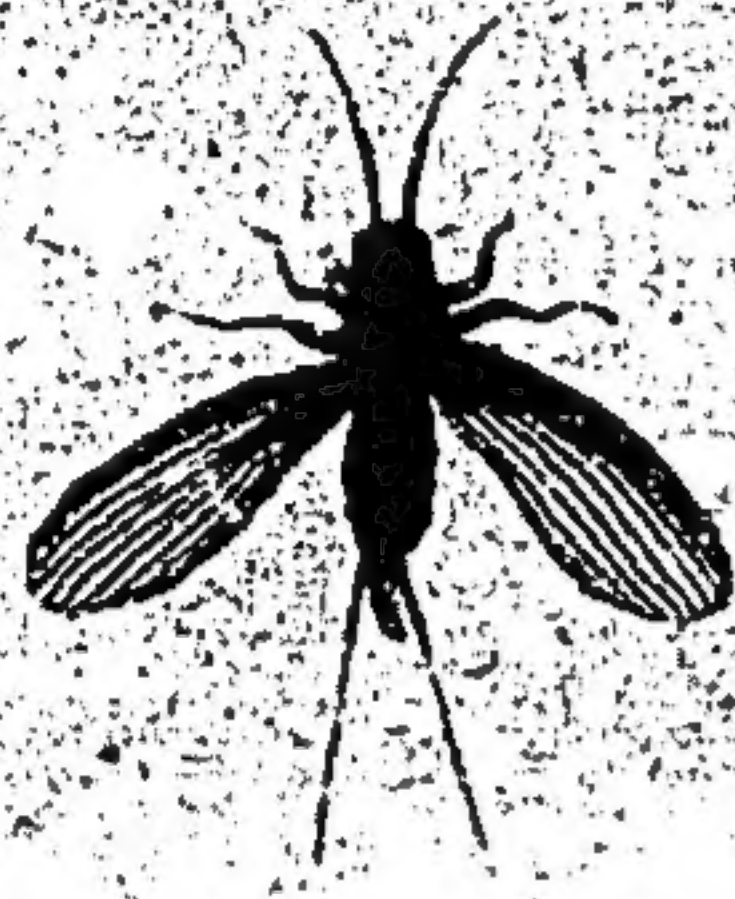
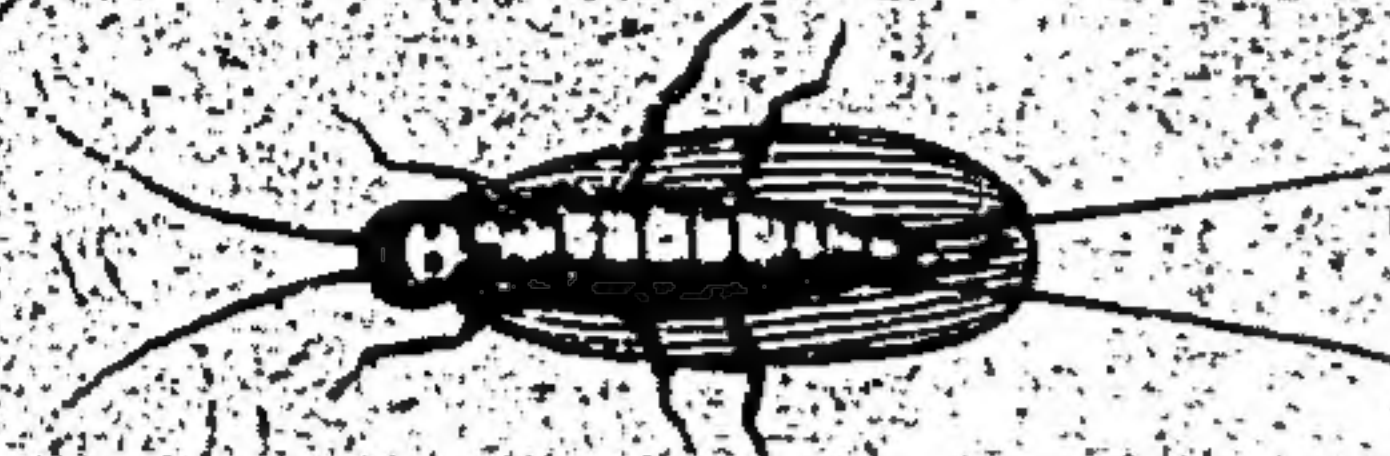
Nymph & Case



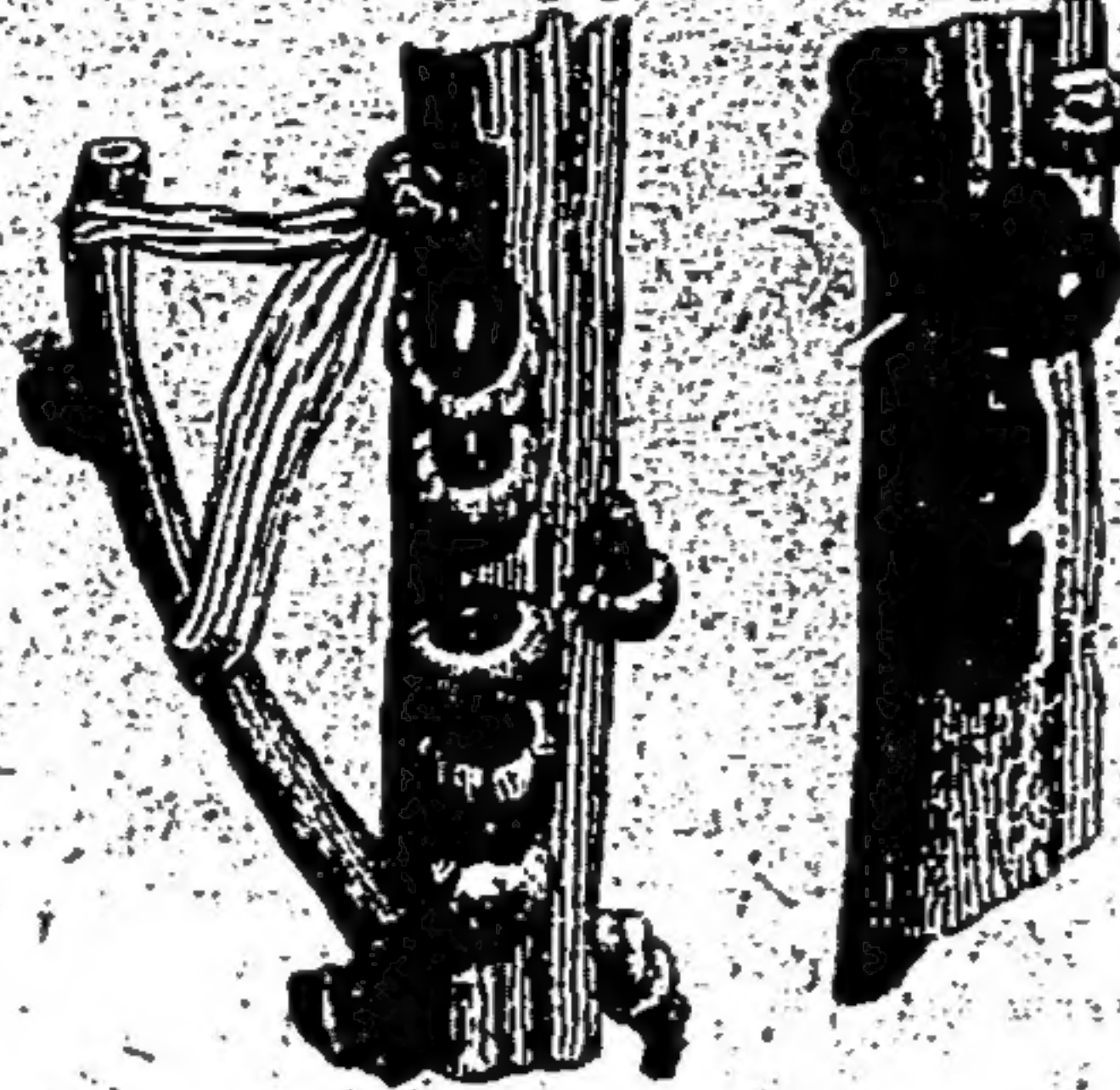
Shell Gall
of the Elm



Flies



Of the Vine

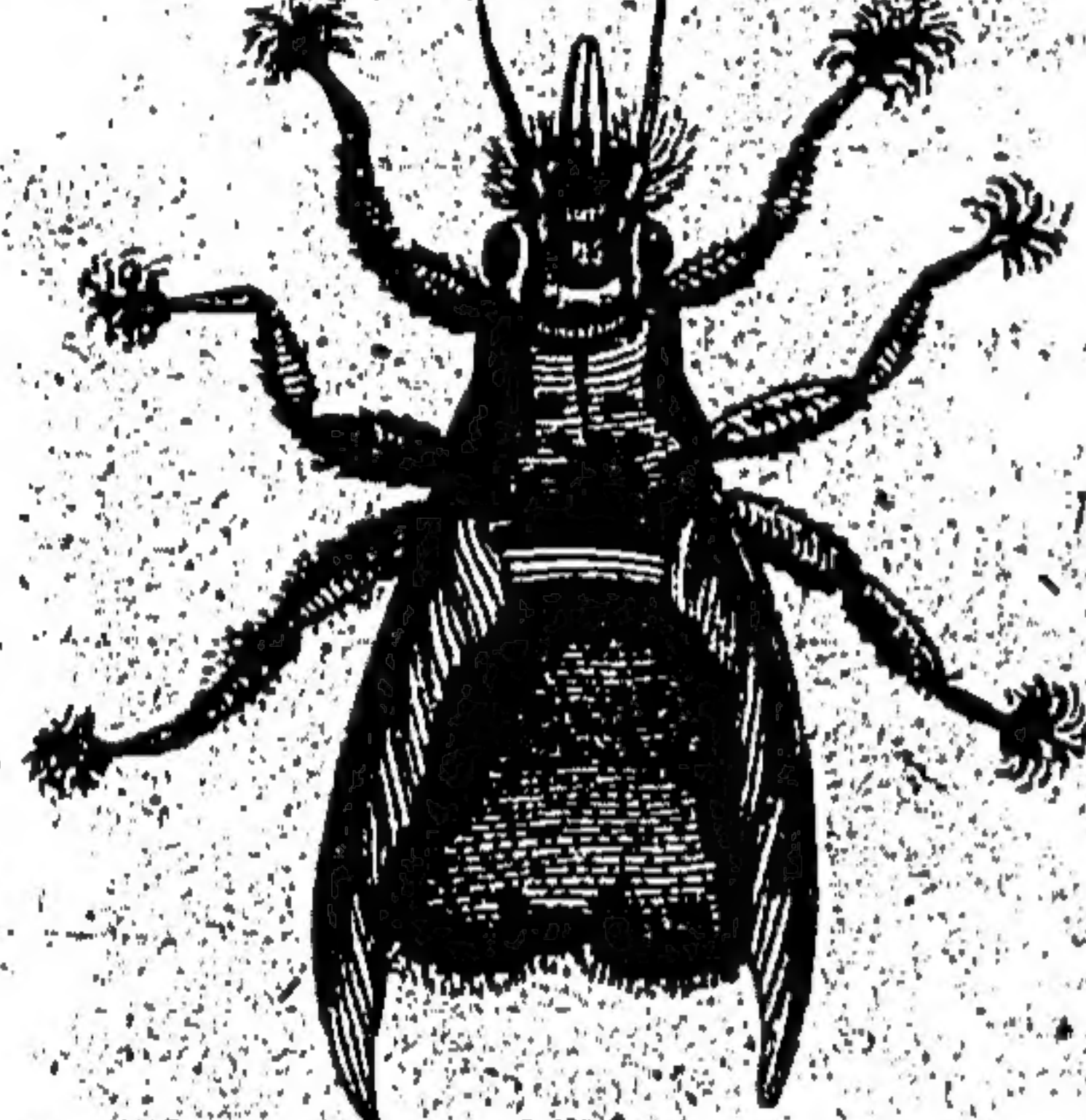


Boat Gall, Nymph & Case



PROGAL INSECTS

Swallow's nest Fly



Nat. Size

FORMICA LEO



Nat. Size

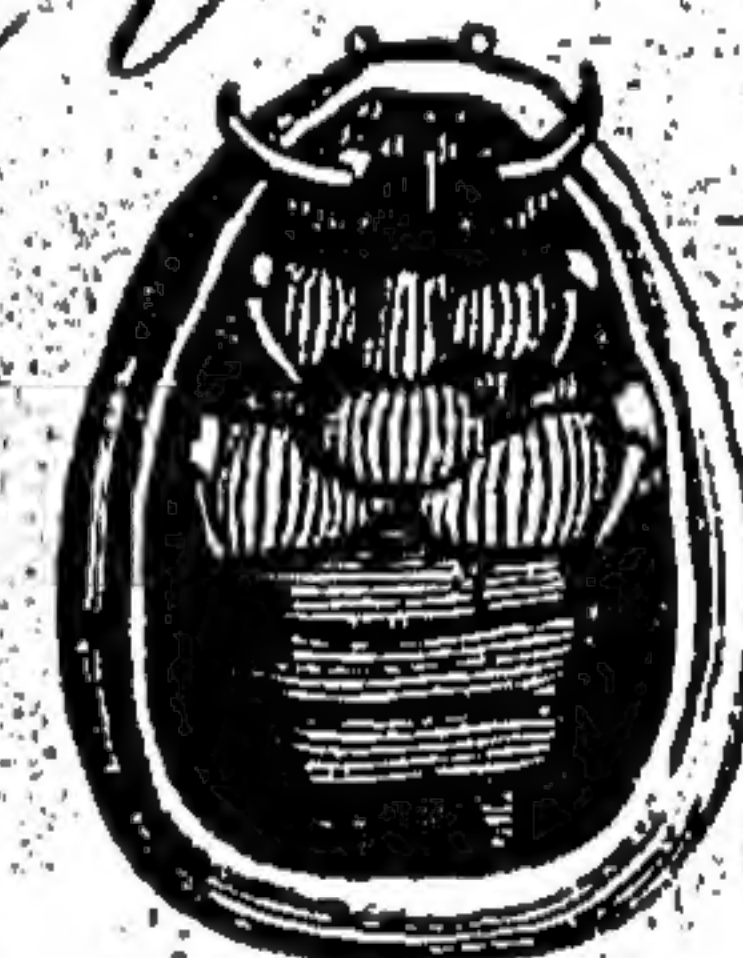
Of the Elm



with & without the Cotton

Nat. Size

Cochineal



WATER WORMS

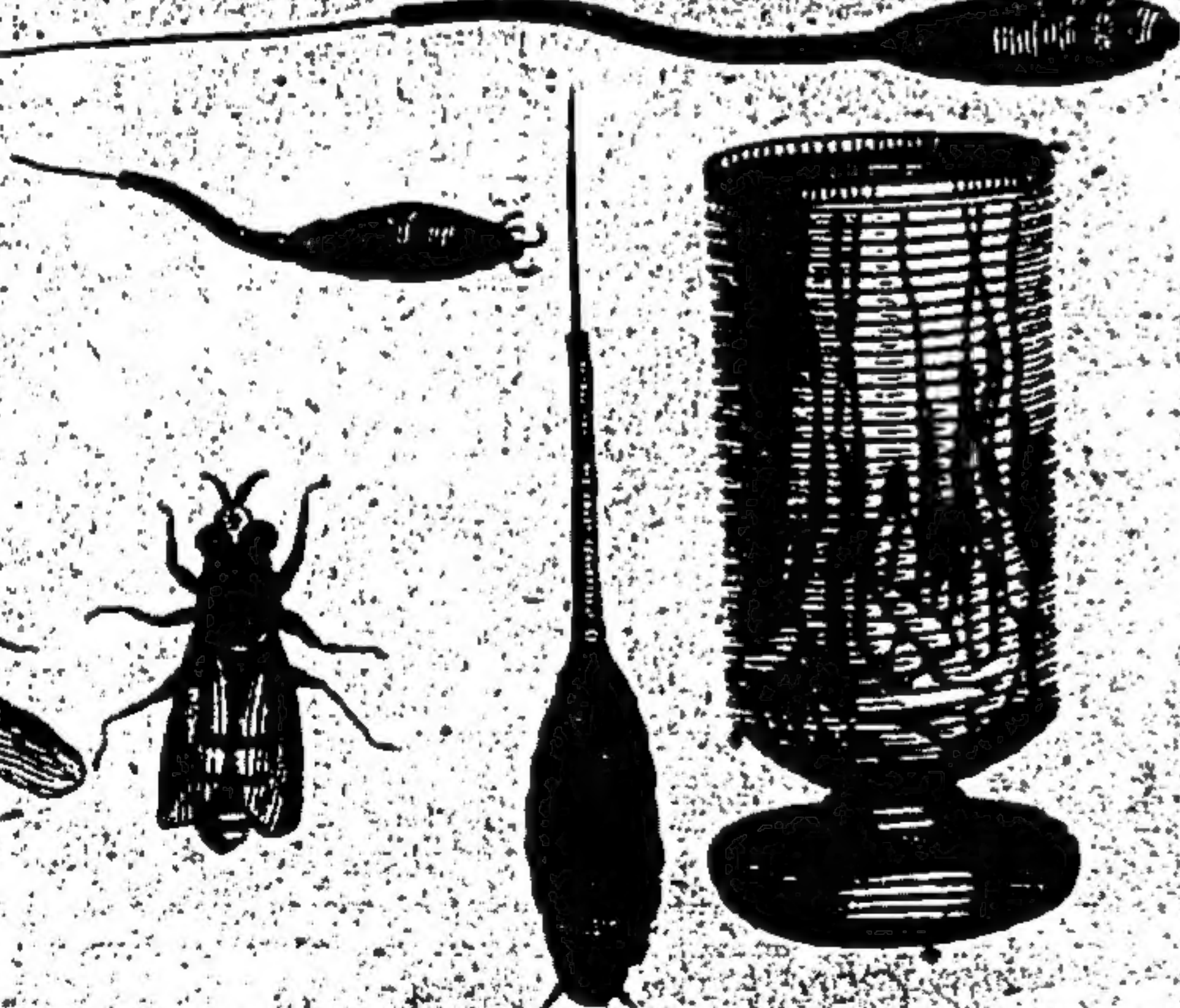
Red



Pencil-tail'd



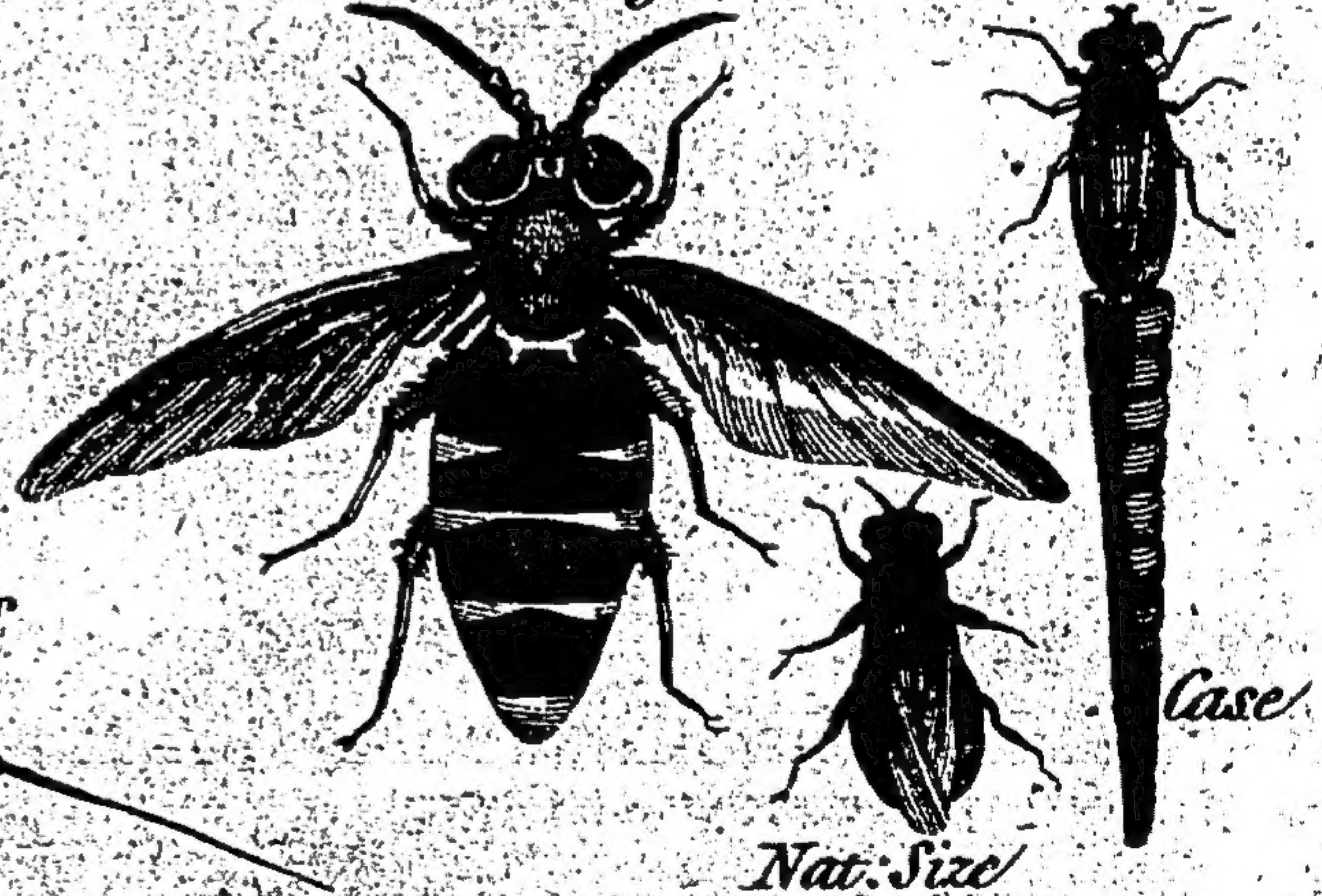
Rat-tail'd & Flies



Hexapode
of the Libella



Brown jointed & Flies



Nat. Size

Bastard Caterpillar of the Bramble



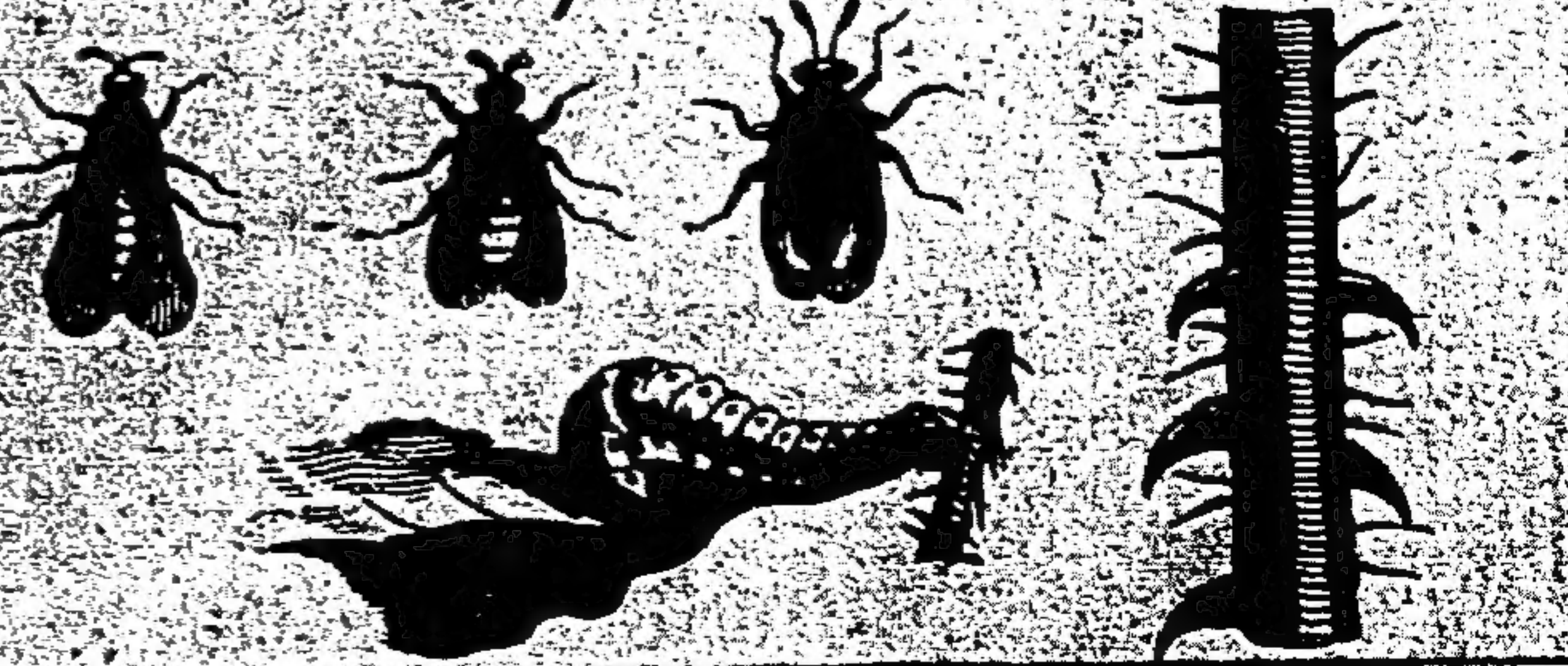
TIPULA and NYMPH



Aurelias and Flies



Bastard Caterpillar of the Rose & Flies



Prickly Caterpillars

Nat. Size

Nat. Size

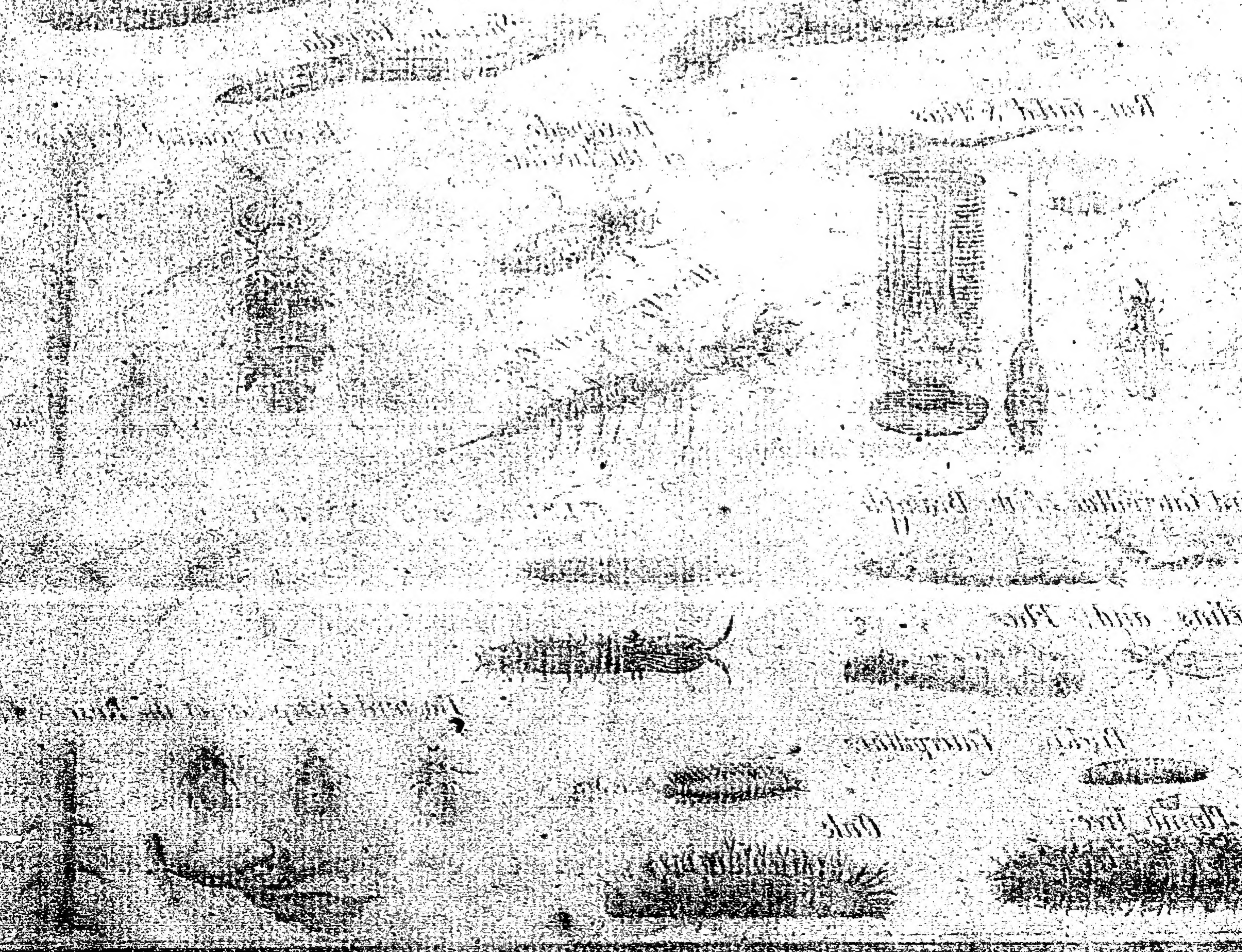
Plumb Tree



Oak



21127



I N D E X

Q U A D R

U P E D S

ANIMALS, FOUR-FOOTED, or QUADRUPEDS,
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names, or imaginary ones, or minute distinctions of a particular species, we must refer our Readers to the plates, where they will see them accurately portrayed. To give a particular account of these might, perhaps, gratify the taste of over curious speculators, but it would be foreign to our design, and extend this Work far beyond its prescribed limits.

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B O T A N Y.

Containing the NATURAL HISTORY of VEGE-TABLES, as well foreign as indigenous, their roots, barks, woods, leaves, flowers, fruits, seeds, resins, gums, and concreted juices; with an account of their virtues, and medicinal uses, also the method of cultivating those planted in gardens; including likewise observations on hot-beds, and watering of plants. 296

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N.B. It is impossible to enumerate in the compass of this Index, calculated more to instruct and please the lovers of public utility, than the amateurs of useless curiosity, all the infinite orders and species of insects.—Of the Butterfly alone, Linnaeus has reckoned above *Seven Hundred and Sixty*; and Mr. Ellis *Fifty* different kinds of Polypi: Therefore, to complete our Catalogue, under this head of Reptiles and Insects, we refer the more curious Readers to the Plates illustrating this Work.

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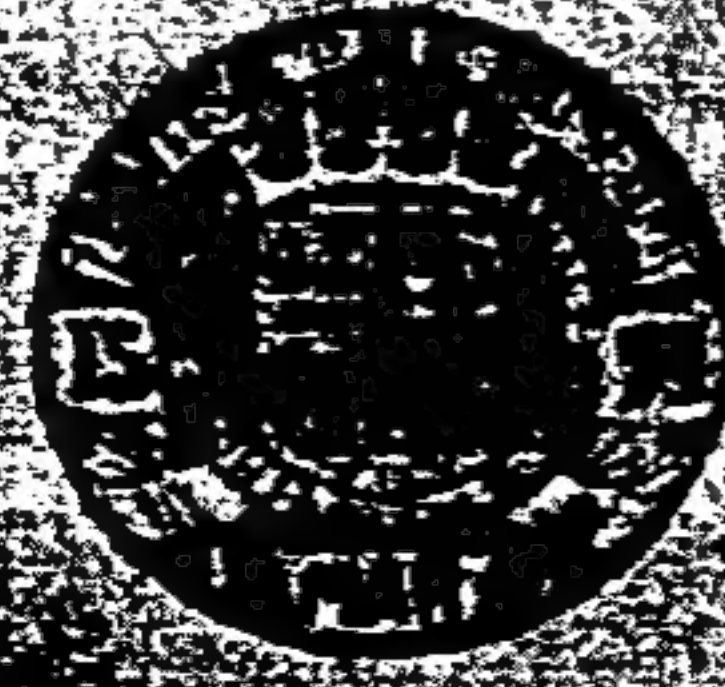
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